

# Glossary

**High School Level**

## Chemistry Glossary

**English / Spanish**



Translation of Chemistry terms based on the Coursework for Chemistry Grades 9 to 12.

Word-for-word glossaries are used for testing accommodations for ELL/LEP students

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## A

|                             |                                    |
|-----------------------------|------------------------------------|
| absolute alcohol            | alcohol absoluto                   |
| absolute temperature scale  | escala absoluta de temperatura     |
| absolute zero               | cero absoluto                      |
| absorbency                  | absorbancia                        |
| absorption                  | absorción                          |
| absorption coefficient      | coeficiente de absorción           |
| absorption plant            | planta de absorción                |
| absorption tube             | tubo de absorción                  |
| absorptivity                | absortividad                       |
| accelerated filtration      | filtración acelerada               |
| accelerating agent          | agente de aceleración              |
| accelerator                 | acelerador                         |
| accelofilter                | filtro acelerado                   |
| acceptor                    | aceptor                            |
| accuracy                    | exactitud                          |
| acetaldehyde                | acetaldehído                       |
| acetone                     | acetona                            |
| acetylene                   | acetileno                          |
| acetylene series            | serie acetilénica                  |
| acid                        | ácido                              |
| acidic                      | ácido                              |
| acid anhydride              | anhidrido ácido                    |
| acid-base indicator         | indicador ácido-base               |
| acid-base neutralization    | neutralización ácido-base          |
| acid-base titration         | titulación (valoración) ácido-base |
| acid radical                | radical ácido                      |
| acid rain                   | lluvia ácida                       |
| acid salt                   | sal ácida                          |
| acid treating               | tratamiento ácido                  |
| acidification               | acidulación                        |
| acidimeter                  | acidímetro                         |
| acidity                     | acidez                             |
| action                      | acción                             |
| actinide series             | serie actínida                     |
| actinium                    | actinio                            |
| actinochemistry             | química del actinio                |
| active complex              | complejo activado                  |
| activity support            | soporte de la actividad            |
| activated support           | soporte activado                   |
| activated water             | agua activada                      |
| activation                  | activación                         |
| activation energy           | energía de activación              |
| activator                   | activador                          |
| active centers              | centros activos                    |
| addition agent              | agente de adición                  |
| addition polymer            | polímero de adición                |
| addition reaction           | reacción de adición                |
| adhesive                    | adhesivo                           |
| adiabatic calorimeter       | calorímetro adiabático             |
| adiabatic flame temperature | temperatura de llama adiabática    |
| adion                       |                                    |
| adsorbent                   | adsorbente                         |

|                        |                         |
|------------------------|-------------------------|
| adsorption             | adsorción               |
| adsorption isobar      | isobara de adsorción    |
| adsorption isotherm    | isoterma de adsorción   |
| agent                  | agente                  |
| air pressure           | presión del aire        |
| alcohol                | alcohol                 |
| aldehyde               | aldehído                |
| alicyclic hydrocarbons | hidrocarburo alicíclico |
| aliphatic hydrocarbons | hidrocarburo alifático  |
| alkalescence           | alcalescencia           |
| alkali                 | alcali                  |
| alkali metal           | metal alcalino          |
| alkane                 | alcano                  |
| alkane derivative      | derivado de alcano      |
| alkaline               | alcalino                |
| alkaline earth metal   | meta alcalino-térreo    |
| alkene                 | alqueno                 |
| alkyl                  | alquilo                 |
| alkyne                 | alquino                 |
| allene                 | aleno                   |
| allotrope              | alótropo                |
| allotropy              | alotropía               |
| alloy                  | aleación                |
| alpha emission         | emisión alfa            |
| alpha particle         | partícula alfa          |
| alternating current    | corriente alterna       |
| alum                   | alumbre                 |
| alumina                | óxido de aluminio       |
| aluminum               | aluminio                |
| amalgam                | amalgama                |
| amino acid             | aminoácido              |
| ammonia                | amoniaco                |
| ammonia liquor         | licor de amoniaco       |
| ammonification         | amonificación           |
| ammonium               | amonio                  |
| amperometry            | amperometría            |
| amphiprotic            | anfiprótico             |
| amphoteric             | anfotérico              |
| amphoterism            | anfoterismo             |
| analysis               | análisis                |
| analyst                | analista                |
| analytical balance     | balanza analítica       |
| analytical chemisty    | química analítica       |
| analytical reagent     | reactivo analítico      |
| anhydride              | anhidrido               |
| angle                  | ángulo                  |
| angstrom               | angstromo               |
| anhydrous              | anhidro                 |
| anion                  | anión                   |
| anode                  | ánodo                   |
| antacid                | antiácido               |
| antienzyme             | antienzima              |
| antichlor              | anticloro               |
| antifebrin             | antifebrina             |

|                                              |                                               |
|----------------------------------------------|-----------------------------------------------|
| antifoaming agent                            | agente antiespumante                          |
| antimatter                                   | antimateria                                   |
| antifreeze                                   | anticongelante                                |
| antimony                                     | antimonio                                     |
| antioxidant                                  | antioxidante                                  |
| antiseptic                                   | antiséptico                                   |
| aqua                                         | agua                                          |
| aqua regia                                   | agua regia                                    |
| aqueous                                      | acuoso                                        |
| argon                                        | argón                                         |
| aromatic                                     | aromático                                     |
| arsenic                                      | arsénico                                      |
| arsenic trioxide                             | trióxido de arsénico                          |
| arsenical                                    | arsenical                                     |
| arsenide                                     | arseniuro                                     |
| artificial radioactivity                     | radioactividad artificial                     |
| assistant                                    | asistente                                     |
| association                                  | asociación                                    |
| atmosphere                                   | atmósfera                                     |
| atmosphere pressure                          | presión atmosférica                           |
| atom                                         | átomo                                         |
| atomic absorption spectrometry               | espectrometría de absorción atómica           |
| atomic bond                                  | enlace atómico                                |
| atomic mass                                  | masa atómica                                  |
| atomic mass unit                             | unidad de masa atómica                        |
| atomic number                                | número atómico                                |
| atomic pile                                  | pila atómica                                  |
| atomic radius                                | radio atómico                                 |
| atomic weight                                | peso atómico                                  |
| attraction                                   | atracción                                     |
| Avogadro's number ( $6.022 \times 10^{23}$ ) | número de Avogadro ( $6.022 \times 10^{23}$ ) |
| azeotropic                                   | azeotrópico                                   |

## **B**

|                     |                     |
|---------------------|---------------------|
| baking powder       | polvo de hornear    |
| baking soda         | soda de hornear     |
| balance             | balanza             |
| balanced equation   | ecuación balanceada |
| barium              | bario               |
| barium carbonate    | carbonato de bario  |
| barium chloride     | cloruro de bario    |
| barium nitrate      | nitrato de bario    |
| barium sulfate      | sulfato de bario    |
| barometer           | barómetro           |
| barometric pressure | presión barométrica |
| base                | base                |
| basic anhydride     | anhidrido básico    |
| battery             | pila                |
| bauxite             | bauxita             |
| beaker              | vaso de beaker      |
| beneficiation       | beneficiación       |
| benzaldehyde        | benzaldehído        |
| benzene ring        | anillo bencénico    |
| benzene series      | serie bencénica     |

|                         |                                   |
|-------------------------|-----------------------------------|
| benzenesulfonic acid    | ácido benzenosulfónico            |
| benzenoid               | benzenoide                        |
| benzidine               | bencidina                         |
| benzoic acid            | ácido benzóico                    |
| benzyl alcohol          | alcohol bencílico                 |
| berkelium               | berquelio                         |
| beryllium               | berilio                           |
| beta particle           | partícula beta                    |
| binary compound         | compuesto binario                 |
| binder                  | aglutinante, ligante              |
| binding energy          | energía de aglutinación, ligazón  |
| biochemical             | bioquímico                        |
| bismuth                 | bismuto                           |
| bleach                  | lejía                             |
| blowing agent           | agente de soplado                 |
| boiler scale            | balanza de caldera                |
| boiling                 | hirviente                         |
| boiling point           | punto de ebullición               |
| boiling point elevation | elevación del punto de ebullición |
| bond                    | enlace                            |
| bond angle              | ángulo de enlace                  |
| bond energy             | energía de enlace                 |
| bonding                 | enlace                            |
| borax                   | borax                             |
| boric acid              | ácido bórico                      |
| boroflouride            | fluoruro de boro                  |
| boron                   | boro                              |
| boron carbide           | carburo de boro                   |
| boron hydride           | hidruro de boro                   |
| boron nitride           | nitruro de boro                   |
| borosilicate            | borosilicato                      |
| bottle                  | botella                           |
| Boyle's Law             | Ley de Boyle                      |
| brake fluid             | fluido (líquido) de frenos        |
| branch-chain            | cadena ramificada                 |
| brass                   | latón                             |
| brazing                 | soldadura dura                    |
| breeder reactor         | reactor generador de neutrones    |
| bright line spectrum    | espectro de líneas brillantes     |
| brine                   | salmuera                          |
| bromine                 | bromo                             |
| bronze                  | bronce                            |
| buffer                  | solución buffer o amortiguadora   |
| Bunsen burner           | quemador de Bunsen                |
| burette                 | bureta                            |
| burning                 | quemando                          |
| butane                  | butano                            |
| butanediol              | butanodiol                        |
| butanol                 | butanol                           |
| butene                  | buteno                            |
| butyl                   | butilo                            |
| butyl alcohol           | alcohol butílico                  |
| butyl rubber            | goma butílica                     |
| butyric acid            | ácido butírico                    |

## C

|                      |                         |
|----------------------|-------------------------|
| cadmium              | cadmio                  |
| calcination          | calcinación             |
| calcite              | calcita                 |
| calcium              | calcio                  |
| calcium carbide      | carburo de calcio       |
| calcium carbonate    | carbonato de calcio     |
| calcium chloride     | cloruro de calcio       |
| calcium hydroxide    | hidróxido de calcio     |
| calcium hypochlorite | hipoclorito de calcio   |
| calcium oxide        | óxido de calcio         |
| calcium phosphate    | fosfato de calcio       |
| calcium sulfate      | sulfato de calcio       |
| californium          | californio              |
| calomel              | calomel                 |
| calorie              | caloría                 |
| calorimeter          | calorímetro             |
| calorimetry          | calorimetría            |
| camphor              | alcanfor                |
| capacity             | capacidad               |
| carbene              | carbeno                 |
| carbide              | carburo                 |
| carbocyclic          | carbocíclico            |
| carbohydrate         | carbohidrato            |
| carbolic acid        | ácido carbólico         |
| carbon               | carbono                 |
| carbon black         | negro de carbono        |
| carbon cycle         | ciclo del carbono       |
| carbon dioxide       | dióxido de carbono      |
| carbon disulfide     | disulfuro de carbono    |
| carbon monoxide      | monóxido de carbono     |
| carbon tetrachloride | tetracloruro de carbono |
| carbonate            | carbonato               |
| carbonic acid        | ácido carbónico         |
| carbonide            | carbonuro               |
| carboxyl             | carboxílico             |
| carboxylic acid      | ácido carboxílico       |
| carburetion          | carburación             |
| carcinogen           | carcinogénico           |
| carrier              | transportador           |
| catalyst             | catalizador             |
| catenate             | catenado                |
| cathode              | cátodo                  |
| cathode ray          | rayo catódico           |
| cation               | cation                  |
| cell                 | célula                  |
| celtium              | celtio                  |
| Celsius scale        | escala Celsius          |
| centi                | centi                   |
| centimeter           | centímetro              |
| centrifugation       | centrifugación          |
| centrifuge           | centrífuga              |
| cerium               | cerio                   |

|                        |                               |
|------------------------|-------------------------------|
| cesium                 | cesio                         |
| chain                  | cadena                        |
| chain reaction         | reacción en cadena            |
| change                 | cambio                        |
| chelate                | quelato                       |
| chemical bond          | enlace químico                |
| chemical change        | cambio químico                |
| chemical equation      | ecuación química              |
| chemical equilibrium   | equilibrio químico            |
| chemical property      | propiedad química             |
| chemical reaction      | reacción química              |
| chemisorption          | quemisorción                  |
| chemistry              | química                       |
| chlorate               | clorato                       |
| chloride               | cloruro                       |
| chlorine               | cloro                         |
| chlorine dioxide       | dióxido de cloro              |
| chlorite               | clorito                       |
| chloroform             | cloroformo                    |
| chlorohydrin           | clorhidrina                   |
| chromatography         | cromatografía                 |
| chrome green           | verde cromo                   |
| chromic acid           | ácido crómico                 |
| chromium               | cromo                         |
| chromium sulfate       | sulfato de cromo              |
| circuit                | circuito                      |
| citric acid            | ácido cítrico                 |
| clamp                  | abrazadera                    |
| classical mechanics    | mecánica clásica              |
| clay                   | arcilla                       |
| cobalt                 | cobalto                       |
| coefficients           | coeficientes                  |
| colligative properties | propiedades coligativas       |
| collision              | colisión                      |
| colloid chemistry      | química coloidal              |
| colorant               | colorante                     |
| colorimetry            | colorimetría                  |
| columbium              | columbio                      |
| combination            | combinación                   |
| combined gas laws      | leyes de los gases combinadas |
| combustion             | combustión                    |
| common ion effect      | efecto del ión común          |
| complex                | complejo                      |
| complex ion            | ión complejo                  |
| component              | componente                    |
| composite              | compuesto                     |
| composition            | composición                   |
| compound               | compuesto                     |
| compressed gas         | gas comprimido                |
| concentrated solution  | solución concentrada          |
| concentration          | concentración                 |
| conceptual definition  | definición conceptual         |
| condensation           | condensación                  |
| condensation polymer   | polímero de condensación      |

|                          |                                |
|--------------------------|--------------------------------|
| condensation reaction    | reacción de condensación       |
| conduction               | conducción                     |
| conductivity             | conductividad                  |
| conductor                | conductor                      |
| configuration            | configuración                  |
| configurational formula  | fórmula configuracional        |
| conformation             | conformación                   |
| Congo Red                | rojo congo                     |
| conjugate pair           | par conjugado                  |
| conservation             | conservación                   |
| conservation of change   | conservación del cambio        |
| constant                 | constante                      |
| constant composition law | ley de las composiciones fijas |
| constituent              | constituyente                  |
| container                | contenedor                     |
| contaminant              | contaminante                   |
| continuous spectrum      | espectro continuo              |
| controlled equipment     | equipo controlado              |
| conservation factor      | factor de conservación         |
| coordinate covalent bond | enlace covalente coordinado    |
| copolymer                | copolímero                     |
| copper                   | cobre                          |
| cork                     | corcho                         |
| corrosion                | corrosión                      |
| covalence                | covalencia                     |
| covalent bond            | enlace covalente               |
| covalent molecule        | molécula covalente             |
| cover                    | cobertura                      |
| cracking                 | craqueo                        |
| cresol                   | cresol                         |
| critical mass            | masa crítica                   |
| critical point           | punto crítico                  |
| critical pressure        | presión crítica                |
| critical temperature     | temperatura crítica            |
| crucible                 | crisol                         |
| crystal                  | cristal                        |
| crystallization          | cristalización                 |
| cubic centimeter         | centímetro cúbico              |
| curium                   | curio                          |
| current                  | corriente                      |
| curve                    | curva                          |
| cyanogen                 | cianógeno                      |
| cyclic compound          | compuesto cíclico              |
| cycloalkane              | cicloalcano                    |
| cycloalkene              | cicloalqueno                   |
| cyclohexane              | ciclohexano                    |
| cyclotron                | ciclotrón                      |
| <b>D</b>                 |                                |
| data                     | datos                          |
| decay                    | desintegración                 |
| decomposition            | descomposición                 |
| decrepitation            | decrepitación                  |
| definition               | definición                     |

|                            |                                |
|----------------------------|--------------------------------|
| dehydrating agent          | agente deshidratante           |
| dehydration                | deshidratación                 |
| dehydrogenation            | deshidrogenación               |
| deionized water            | agua desionizada               |
| deliquescence              | delicuescencia                 |
| delivery tube              | tubo de entrega                |
| denatured alcohol          | alcohol desnaturalizado        |
| density                    | densidad                       |
| depression                 | depresión                      |
| derivative                 | derivado                       |
| destructive distillation   | destilación destructiva        |
| detergent                  | detergente                     |
| deuterium                  | deuterio                       |
| deuteron                   | deuteron                       |
| developing agent           | agente revelador               |
| dextrorotatory             | destrorrotatorio               |
| dialysis                   | diálisis                       |
| diamond                    | diamante                       |
| diatomic gas               | gas diatómico                  |
| diborane                   | diborano                       |
| dicarboxylic acid          | ácido dicarboxílico            |
| diethylamine               | dietilamina                    |
| dihydroxy alcohol          | alcohol dihidroxílico          |
| diluent                    | diluyente                      |
| dilute solution            | solución diluída               |
| dimethylketone             | dimetilcetona                  |
| dinitrobenzene             | dinitrobenceno                 |
| diolefin                   | diolefina                      |
| dioxide                    | dióxido                        |
| dipole                     | dipolo                         |
| direct combination         | combinación directa            |
| direct combustion reaction | reacción de combustión directa |
| direct current             | corriente directa              |
| displacement               | desplazamiento                 |
| displacement series        | series de desplazamiento       |
| disproportionation         | desproporcionamiento           |
| dissociation               | disociación                    |
| distillate                 | destilado                      |
| distillation               | destilación                    |
| dolomite                   | dolomita                       |
| donor                      | donante                        |
| dope                       | aditivo                        |
| dot diagram                | diagrama de puntos             |
| double bond                | enlace doble                   |
| double-pan balance         | balanza de doble plato         |
| ductility                  | ductilidad                     |
| dynamic equilibrium        | equilibrio dinámico            |
| dysprosium                 | disprosio                      |
| <b>E</b>                   |                                |
| effective collision        | colisión efectiva              |
| effervescence              | efervescencia                  |
| efflorescence              | eflorescencia                  |
| einsteinium                | einstenio                      |

|                          |                           |
|--------------------------|---------------------------|
| electric current         | corriente eléctrica       |
| electrical conductivity  | conductividad eléctrica   |
| electrochemical          | electroquímico            |
| electrochemical cell     | celda electroquímica      |
| electrochemistry         | electroquímica            |
| electrode                | electrodo                 |
| electrodeposition        | electrodeposición         |
| electrolysis             | electrólisis              |
| electrolyte              | electrólito               |
| electrolytic conduction  | conducción electrolítica  |
| electrolyze              | electrolizar              |
| electromagnetic spectrum | espectro electromagnético |
| electromotive force      | fuerza electromotriz      |
| electromotive series     | series electromotrices    |
| electron                 | electrón                  |
| electron configuration   | configuración electrónica |
| electronegative          | electronegativo           |
| electronegativity        | electronegatividad        |
| electroplating           | electroplatear            |
| electropositive          | electropositivo           |
| electrostatic force      | fuerza electrostática     |
| electrovalence           | electrovalencia           |
| electrovalent bonding    | enlace electrovalente     |
| element                  | elemento                  |
| elevation                | elevación                 |
| empirical formula        | fórmula empírica          |
| emulsion                 | emulsión                  |
| endothermic reaction     | reacción endotérmica      |
| endpoint                 | punto final               |
| energy                   | energía                   |
| energy level             | nivel de energía          |
| enthalpy                 | entalpía                  |
| entropy                  | entropía                  |
| enzyme                   | enzima                    |
| epoxy resin              | resina epoxi              |
| equation                 | ecuación                  |
| equilibrium              | equilibrio                |
| equilibrium constant     | constante de equilibrio   |
| equipment                | equipo                    |
| equivalent               | equivalente               |
| equivalent masses        | masas equivalentes        |
| erbium                   | erbio                     |
| Erlenmeyer flask         | frasco de Erlenmeyer      |
| ester                    | éster                     |
| esterification           | esterificación            |
| ethanal                  | etanal                    |
| ethane                   | etano                     |
| ethanolamine             | etanolamina               |
| ethene                   | eteno                     |
| ether                    | éter                      |
| ethyl                    | etilo                     |
| ethyl acetate            | acetato de etilo          |
| ethyl alcohol            | alcohol etílico           |
| ethyl ether              | éter etílico              |

|                      |                         |
|----------------------|-------------------------|
| ethylamine           | etilamina               |
| ethylbenzene         | etilbenceno             |
| ethylene bromide     | bromuro de etileno      |
| ethylene dichloride  | dicloruro de etileno    |
| ethylene glycol      | etilen glicol           |
| europium             | europio                 |
| eutectic             | eutéctico               |
| evaporation          | evaporación             |
| excited state        | estado excitado         |
| exothermic reaction  | reacción exotérmica     |
| experiment           | experimento             |
| explosive            | explosivo               |
| expression           | expresión               |
| extensive properties | propiedades extensivas  |
| external circuit     | circuito externo        |
| extinguishing agent  | agente extinguidor      |
| extraction           | extracción              |
| <b>F</b>             |                         |
| factice              | fáctico                 |
| family               | familia                 |
| fat                  | grasa                   |
| fatty acid           | ácido graso             |
| fatty alcohol        | alcohol graso           |
| feedstock            | materia prima           |
| fermentation         | fermentación            |
| fermentation tube    | tubo de fermentación    |
| fermium              | fermio                  |
| ferric               | férrico                 |
| ferroalloy           | aleación férrica        |
| ferrous              | ferroso                 |
| ferrous sulfate      | sulfato ferroso         |
| fiber                | fibra                   |
| file                 | fichero                 |
| filler               | relleno                 |
| filtrate             | filtrado                |
| filtration           | filtración              |
| fission              | fisión                  |
| fission reactor      | reactor de fisión       |
| fixed                | fijo                    |
| flame                | llama                   |
| flammable material   | material inflamable     |
| florence flask       | frasco de fluorescencia |
| flowdiagram          | diagrama de flujo       |
| flouride             | fluoruro                |
| fluorine             | flúor                   |
| fluorocarbon         | fluorocarbono           |
| flourspar            | fluorospato             |
| flux                 | flujo                   |
| force                | fuerza                  |
| forensic chemistry   | química forense         |
| formaldehyde         | formaldeído             |
| formation            | formación               |
| formic acid          | ácido fórmico           |

|                           |                                      |
|---------------------------|--------------------------------------|
| formula                   | fórmula                              |
| formula mass              | masa fórmula                         |
| fossil                    | fósil                                |
| fractional distillation   | destiación fraccionada               |
| francium                  | francio                              |
| free energy               | energía libre                        |
| free radical              | radical libre                        |
| freezing                  | congelación                          |
| freezing point            | punto de congelación                 |
| freezing point depression | disminución del punto de congelación |
| frequency                 | frecuencia                           |
| fuel                      | combustible                          |
| functional group          | grupo funcional                      |
| fundamental particle      | partícula fundamental                |
| funnel                    | embudo                               |
| fuse                      | fusible                              |
| fused salt                | sal fundida                          |
| fusible alloy             | alección fusible                     |
| fusion                    | fusión                               |
| fusion reactor            | reactor de fusión                    |

## G

|                    |                          |
|--------------------|--------------------------|
| gadolinium         | gadolinio                |
| gallium            | galio                    |
| gallium arsenide   | arsenuro de galio        |
| galvanizing        | galvanización            |
| gamma rays         | rayos gama               |
| garnet             | granate                  |
| gas                | gas                      |
| gasification       | gasificación             |
| gasoline           | gasolina                 |
| gas phase          | fase gaseosa             |
| gel                | gel                      |
| geochemistry       | geoquímica               |
| geometric isomer   | isómero geométrico       |
| germanium          | germanio                 |
| glass              | vidrio                   |
| glass electrode    | electrodo de vidrio      |
| glassware          | cristalería              |
| glucose            | glucosa                  |
| glue               | goma                     |
| glyceride          | glicérido                |
| glycerin           | glicerina                |
| glycerol           | glicerol                 |
| glycol             | glicol                   |
| glycols            | glicoles                 |
| goggles            | espejuelos de protección |
| gold               | oro                      |
| graduated beaker   | vaso graduado            |
| graduated cylinder | probeta                  |
| graduated pipette  | pipeta graduada          |
| graphite           | grafito                  |
| gram               | gramo                    |
| gram atomic mass   | masa atómica en gramos   |

|                       |                             |
|-----------------------|-----------------------------|
| gram equivalent mass  | masa equivalente en gramos  |
| gram molecular mass   | masa molecular en gramos    |
| gram molecular volume | volumen molecular en gramos |
| gravimetric analysis  | análisis gravimétrico       |
| gravity               | gravedad                    |
| grease                | grasa                       |
| ground state          | estado básico               |
| group                 | grupo                       |
| guncotton             | algodón de mecha            |
| gypsum                | yeso                        |

## H

|                         |                         |
|-------------------------|-------------------------|
| hafnium                 | hafnio                  |
| half-life               | semivida                |
| half-reaction           | semireacción            |
| halogens                | halógenos               |
| hardness                | dureza                  |
| hard water              | agua dura               |
| heat                    | calor                   |
| heat exchange           | intercambio de calor    |
| heat of combustion      | calor de combustión     |
| heat of condensation    | calor de condensación   |
| heat of crystallization | calor de cristalización |
| heat of dilution        | calor de dilución       |
| heat of formation       | calor de formación      |
| heat of fusion          | calor de fusión         |
| heat of hydration       | calor de hidratación    |
| heat of reaction        | calor de reacción       |
| heat of sublimation     | calor de sublimación    |
| heat of solution        | calor de solución       |
| heat of transition      | calor de transición     |
| heat of vaporization    | calor de vaporización   |
| heat transfer           | transferencia de calor  |
| heavy hydrogen          | hidrógeno pesado        |
| heavy water             | agua pesada             |
| helium                  | helio                   |
| heterocyclic            | heterocíclico           |
| heterogeneous mixture   | mezcla heterogénea      |
| heterogeneous reaction  | reacción heterogénea    |
| hertz                   | hertzio                 |
| high polymer            | alto polímero           |
| holmium                 | holmio                  |
| homocyclic              | homocíclico             |
| homogeneous mixture     | mezcla homogénea        |
| homogeneous reaction    | reacción homogénea      |
| homogenization          | homogenización          |
| homologous series       | serie homóloga          |
| homopolymer             | homopolímero            |
| hot-melt                | fundido caliente        |
| humectant               | humectante              |
| hybridization           | hibridización           |
| hydrate                 | hidrato                 |
| hydration               | hidratación             |
| hydride                 | hidruro                 |

|                       |                           |
|-----------------------|---------------------------|
| hydrocarbon           | hidrocarburo              |
| hydrochloric acid     | ácido clorhídrico         |
| hydrocyanic           | hidrociánico              |
| hydrocolloid          | hidrocoloide              |
| hydrogen              | hidrógeno                 |
| hydrogenation         | hidrogenación             |
| hydrogen bomb         | bomba de hidrógeno        |
| hydrogen chloride     | cloruro de hidrógeno      |
| hydrogen cyanide      | cianuro de hidrógeno      |
| hydrogen fluoride     | fluoruro de hidrógeno     |
| hydrogen iodide       | ioduro de hidrógeno       |
| hydrogen peroxide     | peróxido de hidrógeno     |
| hydrogen sulfide      | sulfuro de hidrógeno      |
| hydrogenolysis        | hidrogenolisis            |
| hydrolysis            | hidrólisis                |
| hydrolysis constant   | constante de hidrólisis   |
| hydronium ion         | ion hidronio              |
| hydrophilic           | hidrofílico               |
| hydrophobic           | hidrofóbico               |
| hydroxyl group        | grupo hidroxilo           |
| hygroscopic           | higroscópico              |
| hypochlorous acid     | ácido hipocloroso         |
| hypothesis            | hipótesis                 |
| <b>I</b>              |                           |
| ideal gas             | gas ideal                 |
| identity period       | período de identidad      |
| immiscible            | inmiscible                |
| impermeable           | impermeable               |
| impingement black     | negro de impacto          |
| impregnation          | impregnación              |
| increment             | incremento                |
| impurity              | impureza                  |
| Indanthrene Blue      | azul de indantreno        |
| Indian Red            | rojo indio                |
| indium                | indio                     |
| indicator             | indicador                 |
| industrial alcohol    | alcohol industrial        |
| inert                 | inerte                    |
| inertia               | inercia                   |
| industrial diamonds   | diamantes industriales    |
| inflammable           | inflamable                |
| infrared spectroscopy | espectroscopía infrarroja |
| inhibitor             | inhibidor                 |
| initiating explosive  | explosivo iniciante       |
| inorganic             | inorgánico                |
| inorganic analysis    | análisis inorgánico       |
| inorganic chemistry   | química inorgánica        |
| insecticide           | insecticida               |
| instrumental analysis | análisis instrumental     |
| insulin               | insulina                  |
| intensive properties  | propiedades intensivas    |
| interionic attraction | atracciones interiónicas  |
| interface             | interfase                 |

|                               |                                        |
|-------------------------------|----------------------------------------|
| intermediate                  | intermediario                          |
| intermetallic compound        | compuesto intermetálico                |
| internal circuit              | circuito interno                       |
| interstitial                  | intersticial                           |
| iodine                        | iodo                                   |
| ion                           | ión                                    |
| ion-exchange reaction         | reacción de intercambio iónico         |
| ion-product                   | producto iónico                        |
| ion-product constant of water | constante del producto iónico del agua |
| ionic conduction              | conducción iónica                      |
| ionic bonding                 | enlace iónico                          |
| ionization                    | ionización                             |
| ionization constant           | constante de ionización                |
| ionization energy             | energía de ionización                  |
| ionization potential          | potencial de ionización                |
| ionogen                       | ionogénico                             |
| iridium                       | iridio                                 |
| iron                          | hierro                                 |
| Iron Blue                     | azul de hierro                         |
| iron oxide                    | óxido de hierro                        |
| irreversible                  | irreversible                           |
| isolation                     | aislamiento                            |
| isomer                        | isómero                                |
| isomerization                 | isomerización                          |
| isopropyl alcohol             | alcohol isopropílico                   |
| isotactic                     | isotáctico                             |
| isotope                       | isótopo                                |
| isotropic                     | isotrópico                             |
| IUPAC system                  | sistema de IUPAC                       |
| ivory black                   | negro marfil                           |

## J

|       |       |
|-------|-------|
| joule | julio |
|-------|-------|

## K

|                |                  |
|----------------|------------------|
| kelvin scale   | escala Kelvin    |
| kerosene       | queroseno        |
| ketone         | cetona           |
| kilogram       | kilogramo        |
| kinetic energy | energía cinética |
| kinetic theory | teoría cinética  |
| kinetics       | cinética         |
| krypton        | kriptón          |

## L

|                   |                        |
|-------------------|------------------------|
| laboratory burner | mechero de laboratorio |
| lactic acid       | ácido láctico          |
| lactone           | lactona                |
| lake              | lago                   |
| lanthanide series | serie lantánida        |
| lanthanum         | lantano                |
| latent heat       | calor latente          |
| latent solvent    | solvente latente       |
| lattice           | retículo               |

|                             |                             |
|-----------------------------|-----------------------------|
| law of conservation of mass | ley de conservación de masa |
| lawrencium                  | laurencio                   |
| lead                        | plomo                       |
| lead chromate               | cromato de plomo            |
| level                       | nivel                       |
| light metal                 | metal ligero                |
| lime                        | cal                         |
| limestone                   | piedra caliza               |
| lipid                       | lípid                       |
| liquefaction                | licuación                   |
| liquid crystal              | crystal líquido             |
| liquid phase                | fase líquida                |
| liquor                      | licor                       |
| liter                       | litro                       |
| litharge                    | litargiro                   |
| lithium                     | litio                       |
| litmus paper                | papel de tornasol           |
| lutetium                    | lutecio                     |
| lye                         | lejía                       |
| lyophilic                   | liofílico                   |

## M

|                   |                         |
|-------------------|-------------------------|
| macroanalysis     | macroanálisis           |
| macromolecule     | macromolécula           |
| magma             | magma                   |
| magnalium         | magnalio                |
| magnesia          | magnesia                |
| magnesite         | magnesita               |
| magnesium         | magnesio                |
| magneson          | magneson                |
| magnet            | magneto                 |
| magnetite         | magnetita               |
| magnetochemistry  | magnetoquímica          |
| meniscus          | menisco                 |
| maltose           | maltosa                 |
| manganese         | manganeso               |
| manganese dioxide | dióxido de manganeso    |
| manganic oxide    | óxido mangánico         |
| mannitol          | manitol                 |
| manometer         | manómetro               |
| mass              | masa                    |
| mass action       | acción de masas         |
| mass conservation | conservación de la masa |
| mass number       | número de masa          |
| matter            | materia                 |
| mechanics         | mecánica                |
| mechanism         | mecanismo               |
| medicine dropper  | gotero medicinal        |
| melting           | fundir                  |
| melting point     | punto de fusion         |
| mendelevium       | mendelevio              |
| meniscus          | menisco                 |
| mercury           | mercurio                |
| mesh              | mall                    |

|                               |                                         |
|-------------------------------|-----------------------------------------|
| metal                         | metal ligero                            |
| metallic bond                 | enlace metálico                         |
| metallic conduction           | conducción metálica                     |
| metalloid                     | metaloide                               |
| metallurgy                    | metalurgia                              |
| methanol                      | metanol                                 |
| methyl                        | metil                                   |
| methyl alcohol                | alcohol metílico                        |
| methylamine                   | metilamina                              |
| microanalysis                 | microanálisis                           |
| milli                         | mili                                    |
| milliliter                    | mililitro                               |
| mineral                       | mineral                                 |
| mineral acid                  | ácido mineral                           |
| mineral water                 | agua mineral                            |
| mixture                       | mezcla                                  |
| miscible                      | miscible                                |
| moderator                     | moderador                               |
| Molal boiling point constant  | constante molal del punto de ebullición |
| Molal freezing point constant | constante molal del punto fusión        |
| molality                      | molalidad                               |
| molar solution                | solución molar                          |
| molar volume                  | volumen molar                           |
| molarity                      | molaridad                               |
| molecular                     | molecular                               |
| molecular formula             | fórmula molecular                       |
| molecular mass                | masa molecular                          |
| molecular sieve               | tamiz molecular                         |
| Mole                          | mol                                     |
| molecule                      | molécula                                |
| molybdenum                    | molibdeno                               |
| monomer                       | monómero                                |
| monomolecular                 | monomolecular                           |
| <b>N</b>                      |                                         |
| naphtha                       | nafta                                   |
| naphthalene                   | naftaleno                               |
| natural gas                   | gas natural                             |
| neodymium                     | neodimio                                |
| neon                          | neón                                    |
| neptunium                     | neptunio                                |
| Nernst distribution law       | ley de distribución de Nernst           |
| Nernst equation               | ecuación de Nernst                      |
| net potential                 | potencial de red                        |
| neutral red                   | rojo neutral                            |
| neutral solution              | solución neutra                         |
| neutralization                | neutralización                          |
| neutralization equivalent     | equivalente de neutralización           |
| neutron                       | neutrón                                 |
| niacin                        | niacina                                 |
| nickel                        | níquel                                  |
| niobium                       | niobio                                  |
| nitrate                       | nitrate                                 |
| nitration                     | nitración                               |

|                      |                            |
|----------------------|----------------------------|
| nitric acid          | ácido nítrico              |
| nitric anhydride     | anhidrido nítrico          |
| nitric oxide         | óxido nítrico              |
| nitride              | nitruro                    |
| nitriding            | nitrificación              |
| nitride              | nitrito                    |
| nitrogen             | nitrógeno                  |
| nitrogen family      | familia del nitrógeno      |
| nitroglycerin        | nitroglicerina             |
| nitrous acid         | ácido nitroso              |
| Nobel, Alfred B.     | Alfredo B. Nobel           |
| nobelium             | nobelio                    |
| noble gas            | gas noble                  |
| nomenclature         | nomenclatura               |
| nonelectrolyte       | noelectrólito              |
| nonmetal             | no metal                   |
| nonpolar molecule    | molécula apolar            |
| normal boiling point | punto de ebullición normal |
| normal salt          | sal normal                 |
| normal solution      | solución normal            |
| normality            | normalidad                 |
| nuclear energy       | energía nuclear            |
| nuclear fission      | fisión nuclear             |
| nuclear fuel         | combustible nuclear        |
| nuclear fusion       | fusión nuclear             |
| nuclear reaction     | reacción nuclear           |
| nuclear reactor      | reactor nuclear            |
| nucleon              | nucleón                    |
| nucleus              | núcleo                     |
| number               | número                     |
| nylon                | nylon                      |

## O

|                        |                        |
|------------------------|------------------------|
| observed value         | valor observado        |
| octet                  | octeto                 |
| oil                    | aceite                 |
| olefin                 | olefina                |
| one-hole stopper       | tapón de un orificio   |
| open chain             | cadena abierta         |
| operational definition | definición operacional |
| optical                | óptico                 |
| optical rotation       | rotación óptica        |
| orbit                  | órbita                 |
| orbital                | orbital                |
| orbital pair           | par orbital            |
| order                  | orden                  |
| order of reaction      | orden de reacción      |
| ore                    | mineral                |
| organic                | orgánico               |
| organic chemistry      | química orgánica       |
| organic compound       | compuesto orgánico     |
| organometallic         | organometálico         |
| osmium                 | osmio                  |
| osmosis                | ósmosis                |

|                     |                        |
|---------------------|------------------------|
| oxalic acid         | ácido oxálico          |
| oxidation           | oxidación              |
| oxidation number    | número de oxidación    |
| oxidation potential | potencial de oxidación |
| oxidation state     | estado de oxidación    |
| oxide               | óxido                  |
| oxidizing agent     | agente oxidante        |
| oxygen              | oxígeno                |
| oxygen acid         | oxiácido               |
| ozone               | ozono                  |

## P

|                           |                           |
|---------------------------|---------------------------|
| packing                   | embalaje                  |
| palladium                 | paladio                   |
| pair                      | par                       |
| paraffin series           | serie parafínica          |
| partial pressure          | presión parcial           |
| particle                  | partícula                 |
| particle accelerator      | acelerador de partículas  |
| partition coefficient     | coeficiente de partición  |
| parts per million         | partes por millón         |
| Pascal                    | pascal                    |
| passivity                 | pasividad                 |
| peacock blue              | azul pavo real            |
| pentane                   | pentano                   |
| peptide                   | péptido                   |
| peptization               | peptización               |
| percentage by mass        | porcentaje en masa        |
| percentage composition    | composicion en porcentaje |
| percent error             | porciento de error        |
| perchlorate               | perclorato                |
| perfect                   | perfecto                  |
| perfume                   | perfume                   |
| period                    | período                   |
| periodic                  | periódico                 |
| periodic law              | ley periódica             |
| periodic table            | tabla periódica           |
| peroxide                  | peróxido                  |
| petridish                 | placa petri               |
| petroleum                 | petróleo                  |
| phase                     | fase                      |
| phase equilibrium         | equilibrio de fase        |
| pH meter                  | pH metro                  |
| phenol                    | fenol                     |
| phenolic                  | fenólico                  |
| phenolphthalide           | fenolftaluro              |
| phenyl                    | fenil                     |
| phosphorous               | fósforo                   |
| photochemical oxidant     | oxidante fotoquímico      |
| photochemistry            | fotoquímica               |
| photoelectric colorimeter | colorímetro fotoeléctrico |
| photon                    | fotón                     |
| physical change           | cambio físico             |

|                          |                           |
|--------------------------|---------------------------|
| physical equilibrium     | equilibrio físico         |
| physical property        | propiedad física          |
| physical chemistry       | química física            |
| physiosorption           | fisiosorción              |
| pigment                  | pigmento                  |
| pile                     | pila                      |
| pipe                     | tubo                      |
| pipe still               | tubo de alambique         |
| pipet(te)                | pipeta                    |
| plastic                  | plástico                  |
| plasticizer              | plastificante             |
| plate theory             | teoría de los platos      |
| platinum                 | platino                   |
| plutonium                | plutonio                  |
| point                    | punto                     |
| pOH                      | pOH                       |
| poison                   | veneno                    |
| polar bond               | enlace polar              |
| polar molecule           | molécula polar            |
| polarization potential   | potencial de polarización |
| polarographic            | polarográfico             |
| polarographic analysis   | análisis polarográfico    |
| polarographic apparatus  | aparato polarográfico     |
| polarographic wave       | onda polarográfica        |
| polonium                 | polonio                   |
| poly-                    | poli-                     |
| polybasic acid           | ácido polibásico          |
| polycarbonate            | policarbonato             |
| polychloroprene          | policloropreno            |
| polycondensation         | policondensación          |
| polycyclic               | policíclico               |
| polyelectrolyte          | polielectrólito           |
| polyester                | poliester                 |
| polyethylene             | polietileno               |
| polyethylene glycols     | polietilen glicol         |
| polyglycol               | poliglicol                |
| polyhydric alcohol       | alcohol polihídrico       |
| polyisoprene             | poliisopreno              |
| polymer                  | polímero                  |
| polymerization           | polimerización            |
| polypropylene            | polipropileno             |
| polystyrene              | poliestireno              |
| polytetrafluoro ethylene | politetrafluoroetileno    |
| polyvinyl acetate        | acetato de polivinilo     |
| polyvinyl alcohol        | alcohol polivinílico      |
| polyvinyl chloride       | cloruro de polivinilo     |
| polyvinyl ether          | éter polivinílico         |
| porcelain                | porcelana                 |
| porometric               | porométrico               |
| positron                 | positrón                  |
| potash                   | potasa                    |
| potassium                | potasio                   |
| potassium permanganate   | permanganato de potasio   |
| potential energy         | energía potencial         |

|                          |                              |
|--------------------------|------------------------------|
| potentiometric titration | titulación potenciométrica   |
| powder metallurgy        | metalurgia de polvo          |
| praseodymium             | praseodimio                  |
| precipitant              | precipitante                 |
| precipitate              | precipitar                   |
| precipitation            | precipitación                |
| precipitation titration  | titulación por precipitación |
| prepolymer               | prepolímero                  |
| preservative             | preservativo                 |
| prill                    | granulado                    |
| primary alcohol          | alcohol primario             |
| producer gas             | gas producido                |
| product                  | producto                     |
| promethium               | promecio                     |
| promoter                 | promotor                     |
| proof                    | prueba                       |
| property                 | propiedad                    |
| propionic acid           | ácido propiónico             |
| propyl                   | propilo                      |
| propylene                | propileno                    |
| protactinium             | protactinio                  |
| protolysis reaction      | reacción de protólisis       |
| proton acceptor          | aceptor de protones          |
| proton donor             | donante de protones          |
| Prussian Blue            | azul de prusia               |
| purity                   | pureza                       |
| pyrites                  | piritas                      |
| pyrolysis                | pirólisis                    |
| pyrrole                  | pirrol                       |
| pyruvic acid             | ácido pirúvico               |

## Q

|                       |                       |
|-----------------------|-----------------------|
| qualitative analysis  | análisis cualitativo  |
| quality control       | control de calidad    |
| quanta                | cuantos               |
| quantitative analysis | análisis cuantitativo |
| quartz                | cuarzo                |
| quinine               | quinina               |
| quinone               | quinona               |

## R

|                    |                            |
|--------------------|----------------------------|
| radiation          | radiación                  |
| radical            | radical                    |
| radioactive decay  | desintegración radioactiva |
| radioactive series | serie radioactiva          |
| radioactivity      | radioactividad             |
| radiocarbon        | radiocarbón                |
| radioisotope       | radioisótopo               |
| radium             | radio                      |
| radius             | radio                      |
| radon              | radón                      |
| rare               | raro                       |
| rare earth         | tierra rara                |
| rare gas           | gases raros                |

|                        |                                    |
|------------------------|------------------------------------|
| rare metal             | metales raros                      |
| rate-determining step  | etapa determinante de la velocidad |
| ray                    | rayo                               |
| reactant               | reaccionante                       |
| reaction mechanism     | mecanismo de reacción              |
| reaction rate          | velocidad de reacción              |
| reagent                | reactivo                           |
| rearrangement          | redistribución                     |
| reaction               | reacción                           |
| reactor                | reactor                            |
| reclaiming             | recuperar                          |
| rectification          | rectificación                      |
| redox reaction         | reacción redox                     |
| reducing agent         | agente de reducción                |
| reducing flame         | llama reductora                    |
| reduction              | reducción                          |
| reduction potential    | potencial de reducción             |
| refining               | refinación                         |
| reflux                 | reflujo                            |
| refrigerant            | refrigerante                       |
| regeneration           | regeneración                       |
| reinforcing agent      | agente de refuerzo                 |
| repellent              | repelente                          |
| replacement            | sustitución                        |
| replication            | replicación                        |
| reversible reaction    | reacción reversible                |
| rhenum                 | renio                              |
| rhodium                | rodio                              |
| ribonucleic acid (RNA) | ácido ribonucleico                 |
| ring                   | anillo                             |
| ring stand             | soporte de anillo                  |
| ring structure         | estructura de anillo               |
| rod                    | barra                              |
| rubber                 | goma                               |
| rubidium               | rubidio                            |
| ruby                   | rubí                               |
| rust                   | herrumbre                          |
| ruthenium              | rutenio                            |

## S

|                    |                    |
|--------------------|--------------------|
| saccharose         | sacarosa           |
| sal soda           | sal sódica         |
| salt               | sal                |
| salt bridge        | punto salino       |
| samarium           | samario            |
| saponification     | saponificación     |
| sapphire           | zafiro             |
| saturated compound | compuesto saturado |
| saturated solution | solución saturada  |
| saturation         | saturación         |
| scale              | escala, balanza    |
| scandium           | escandio           |
| scavenger          | limpiador          |
| scientific data    | datos científicos  |

|                               |                                       |
|-------------------------------|---------------------------------------|
| scientific law                | ley científica                        |
| scientific method             | método científico                     |
| scientific model              | modelo científico                     |
| scientific notation           | notación científica                   |
| scissors                      | tijeras                               |
| sealant                       | sellante                              |
| sedimentation                 | sedimentación                         |
| sedimentation balance         | balanza de sedimentación              |
| sedimentation potential       | potencial de sedimentación            |
| secondary alcohol             | alcohol secundario                    |
| seed crystal                  | crystal semilla                       |
| selenium                      | selenio                               |
| semiconductor                 | semiconductor                         |
| semimicroanalysis             | semimicroanálisis                     |
| semipermeable                 | semipermeable                         |
| semisynthetic                 | semisintético                         |
| separation                    | separación                            |
| sequestering agent            | agente secuestrante                   |
| series                        | serie                                 |
| serum                         | suero                                 |
| sewage treatment              | tratamiento de aguas residuales       |
| shell                         | concha, envoltura                     |
| silica gel                    | silica gel                            |
| silicate                      | silicato                              |
| silicon                       | silicio                               |
| silicon carbide               | carburo de silicio                    |
| silicone                      | silicona                              |
| silicone oil                  | aceite de silicona                    |
| silver                        | plata                                 |
| single replacement            | monosustitución                       |
| sinter                        | aglomerado                            |
| sintered crucible             | crisol aglomerado                     |
| slow oxidation                | oxidación lenta                       |
| sludge                        | sedimento                             |
| slurry                        | suspensión                            |
| smelt                         | fundido                               |
| smog                          | niebla                                |
| soda                          | soda                                  |
| soda ash                      | ceniza de soda                        |
| sodium                        | sodio                                 |
| sodium chloride               | cloruro de sodio                      |
| sodium hydroxide              | hidróxido de sodio                    |
| sol                           | solución saturada                     |
| solid phase                   | fase sólida                           |
| solid solution                | solución solida                       |
| solidus                       | sólido                                |
| soliquoid                     | soliquoide                            |
| solubility                    | solubilidad                           |
| solubility curve              | curva de solubilidad                  |
| solubility product constant   | constante del producto de solubilidad |
| solubility product expression | expresión del producto de solubilidad |
| solute                        | soluto                                |
| solution                      | solución                              |
| solution equilibrium          | equilibrio de solución                |

|                                        |                                           |
|----------------------------------------|-------------------------------------------|
| solvent                                | solvente                                  |
| sour                                   | agrio                                     |
| specific heat                          | calor específico                          |
| specific gravity                       | gravedad específica                       |
| spectral lines                         | lineas espectrales                        |
| spectrometer                           | espectrómetro                             |
| spectroscopy                           | espectroscopía                            |
| spontaneous chemical change            | cambio químico espontáneo                 |
| spontaneous ignition                   | ignición espontánea                       |
| stability                              | estabilidad                               |
| stability constant                     | constante de estabilidad                  |
| stabilization                          | estabilización                            |
| stabilizer                             | estabilizador                             |
| stable compound                        | compuesto estable                         |
| stain                                  | mancha                                    |
| standard calomel electrode             | electrodo estandar de calomel             |
| standard condition                     | condición estandar                        |
| standard electrode potential           | potencial de electrodo estandar           |
| standard heat of formation             | calor de formación estandar               |
| standard oxidation-reduction potential | potencial de oxidación reducción estandar |
| standard pressure                      | presión estandar                          |
| standard solution                      | solución estandar                         |
| starch                                 | almidón                                   |
| state                                  | estado                                    |
| steam distillation                     | destilación con vapor                     |
| stearic acid                           | ácido esteárico                           |
| steel                                  | acero                                     |
| stereochemistry                        | estereoquímica                            |
| stereoisomer                           | estereoisómero                            |
| stoichiometry                          | estequiometría                            |
| stopper                                | tapón                                     |
| STP                                    | presión y temperatura estandar            |
| straight-chain compound                | compuesto de cadena lineal                |
| strip                                  | tira                                      |
| strong acid                            | ácido fuerte                              |
| strong base                            | base fuerte                               |
| strong electrolyte                     | electrólito fuerte                        |
| strontium                              | estroncio                                 |
| structural formula                     | fórmula estructural                       |
| subatomic particle                     | partícula subatómica                      |
| sublevel                               | subnivel                                  |
| sublimate                              | sublimar                                  |
| sublimation                            | sublimación                               |
| sublime                                | sublimado                                 |
| subscript                              | subscrito                                 |
| subshell                               | semicapa                                  |
| substance                              | sustancia                                 |
| substitute                             | sustituto                                 |
| substitution reaction                  | reacción de sustitución                   |
| substrate                              | substrato                                 |
| sucrose                                | sacarosa                                  |
| sulfur                                 | azufre                                    |
| sulfuric acid                          | ácido sulfúrico                           |

|                              |                                     |
|------------------------------|-------------------------------------|
| supercooled                  | superenfriado                       |
| superoxides                  | superóxidos                         |
| supersaturated solution      | solución sobresaturada              |
| supersaturation              | sobresaturación                     |
| surface                      | superficie                          |
| surface activity             | actividad superficial               |
| surface-active agent         | agente tenso-activo                 |
| surface area                 | area superficial                    |
| surface chemistry            | química de la superficie            |
| surface concentration excess | exceso de concentración superficial |
| surface orientation          | orientación superficial             |
| surface reaction             | reacción superficial                |
| surface tension              | tensión superficial                 |
| suspension                   | suspensión                          |
| symbol                       | símbolo                             |
| synchrotron                  | sincrotrón                          |
| syndet                       | sindet                              |
| synthesis                    | síntesis                            |
| synthesis gas                | gas de síntesis                     |
| synthetic resin              | resina sintética                    |

## T

|                        |                           |
|------------------------|---------------------------|
| tantalum               | tántalo                   |
| tar                    | alquitrán                 |
| tartaric acid          | ácido tartárico           |
| technetium             | tecnecio                  |
| technology             | tecnología                |
| tellurium              | telurio                   |
| temperature            | temperatura               |
| terbium                | terbio                    |
| terephthalic acid      | ácido tereftálico         |
| ternary                | ternario                  |
| ternary acid           | ácido ternario            |
| ternary compound       | compuesto ternario        |
| tertiary alcohol       | alcohol terciario         |
| Terylene               | terileno                  |
| test tube              | tubo de ensayo            |
| test tube holder       | soporte de tubo de ensayo |
| test tube rack         | gradilla                  |
| tetrachloride          | tetracloruro              |
| tetrafluoroethylene    | tetrafluoroetileno        |
| tetramer               | tetrámero                 |
| thallium               | talio                     |
| theoretical plate      | plato teórico             |
| theory                 | teoría                    |
| thermal diffusion      | difusión térmica          |
| thermal polymerization | polimerización térmica    |
| thermite               | termita                   |
| thermobalance          | termobalanza              |
| thermochemistry        | termoquímica              |
| thermocouple           | termopar                  |
| thermoform             | termoforma                |
| thermonuclear device   | dispositivo termonuclear  |
| thermonuclear reaction | reacción termonuclear     |

|                        |                            |
|------------------------|----------------------------|
| thermoplastic          | termoplástico              |
| thermosetting          | termoaplicar               |
| thiamine               | tiamina                    |
| thiol                  | tiol                       |
| thistle tube           | tubo de cardo              |
| thorium                | torio                      |
| thulium                | tulio                      |
| tin                    | estaño                     |
| tincture               | tintura                    |
| titanium               | titanio                    |
| titrant                | titrante                   |
| titration              | titulación, valoración     |
| toluene                | tolueno                    |
| toner                  | matizador                  |
| tongs                  | pinzas                     |
| torr                   | torriceli                  |
| trace element          | elemento de trazas         |
| tracer                 | trazador                   |
| transfer pipette       | pipeta de transferencia    |
| transference number    | número de transferencia    |
| transition element     | elemento de transición     |
| transition series      | series de transición       |
| transmutation          | transmutación              |
| transuranic element    | elemento transuránico      |
| triad                  | triada                     |
| trichloroethylene      | tricloroetileno            |
| trichlorofluoromethane | triclorofluorometano       |
| tr cresyl phosphate    | fosfato de tricresilo      |
| tricyclic              | tricíclico                 |
| triethanolamine        | trietanolamina             |
| triethylaluminum       | trietil aluminio           |
| triglyceride           | triglicérido               |
| trihydroxy alcohol     | alcohol trihidroxílico     |
| trioxide               | trióxido                   |
| triple beam balance    | balanza de brazo triple    |
| triple bond            | enlace triple              |
| triple point           | punto triple               |
| tritium                | tritio                     |
| true solution          | solución verdadera         |
| tubing                 | entubamiento               |
| tungsten               | tungsteno                  |
| tungsten carbide       | carburo de tungsteno       |
| two-hole stopper       | tapón de dos orificios     |
| <b>U</b>               |                            |
| ultimate analysis      | análisis final             |
| ultraviolet radiation  | radiación ultravioleta     |
| uncertainty principle  | principio de incertidumbre |
| uniform dispersion     | dispersión uniforme        |
| unit                   | unidad                     |
| unsaturated compound   | compuesto insaturado       |
| unsaturation           | insaturación               |
| unstable compound      | compuesto inestable        |
| uranium                | uranio                     |

**V**

vacancy  
 vacuum condensing point  
 vacuum crystallization  
 vacuum crystallizer  
 vacuum distillation  
 valence  
 valence electrons  
 vanadium  
 Van der Waals force  
 Van't Hoff equation  
 Van't Hoff isochore  
 Van't Hoff isotherm  
 vapor  
 vapor pressure  
 vapor pressure depression  
 vehicle  
 velocity  
 velocity of light  
 vicinal  
 vinegar  
 vinyl  
 vinyl chlorid  
 viscosity  
 viscous liquid  
 vitreous  
 volatile  
 volatility  
 volatilize  
 volt  
 voltage  
 voltaic cell  
 volume  
 volume bottle  
 volumetric analysis  
 volumetric flask  
 volumetric pipet  
 vulcanization

**V**

vacante  
 punto de condensación al vacío  
 cristalización al vacío  
 cristalizador al vacío  
 destilación al vacío  
 valencia  
 electrones de valencia  
 vanadio  
 fuerzas de Van der Waals  
 ecuación de Van't Hoff  
 isocora de Van't Hoff  
 isoterma de Van't Hoff  
 vapor  
 presión de vapor  
 disminución de la presión de vapor  
 vehículo  
 velocidad  
 velocidad de la luz  
 vecinal  
 vinagre  
 vinilo  
 cloruro de vinilo  
 viscosidad  
 líquido viscoso  
 vítreo  
 volátil  
 volatilidad  
 volatilizar  
 voltio  
 voltaje  
 celda voltaica  
 volumen  
 botella de volumen  
 análisis volumétrico  
 frasco volumétrico  
 pipeta volumétrica  
 vulcanización

**W**

water  
 water gas  
 water glass  
 water of crystallization  
 water of hydration  
 water softening  
 water pollution  
 water vapor  
 wave  
 wave length  
 wave velocity  
 waxes

agua  
 gas de agua  
 indicador de nivel de agua  
 agua de cristalización  
 agua de hidratación  
 ablandamiento de agua  
 contaminación del agua  
 vapor de agua  
 onda  
 longitud de onda  
 velocida de onda  
 ceras

|                  |                   |
|------------------|-------------------|
| weak acid        | ácido débil       |
| weak base        | base débil        |
| weak electrolyte | electrólito débil |
| weighing bottle  | frasco de pesadas |
| weight           | peso              |
| wire gauze       | gasa de alambre   |
| wood alcohol     | alcohol de madera |

## **X**

|        |         |
|--------|---------|
| xenon  | xenón   |
| X-ray  | rayos X |
| xylene | xileno  |

## **Y**

|           |          |
|-----------|----------|
| yeast     | levadura |
| ytterbium | iterbio  |
| yttrium   | itrio    |

## **Z**

|               |                      |
|---------------|----------------------|
| zeolite       | zeolita              |
| zero group    | grupo cero           |
| zinc          | zinc                 |
| zirconium     | zirconio             |
| zone refining | refinación por zonas |