

Appendix C

Abbreviation and Symbols

| | |
|---|--|
| A° | Angstrom (distance unit) |
| AAS | Atomic absorption spectrophotometer |
| B | boron |
| Br-PADAP | 2-(5-bromo-2-pyridylazo)-5-diethylaminophenol |
| Br-PAPS | 2-(5-bromo-2-pyridylazo)-5-[N-propyl-N-(3-sulfopropyl)amino]phenol |
| Ca | calcium |
| CE | capillary electrophoresis |
| Cl | chloride |
| cm | centimeter |
| Cu | copper |
| Fe | iron |
| g | gram |
| HCl | hydrochloric acid |
| Hf | hafnium |
| HNO ₃ | nitric acid |
| HPLC | high performance liquid chromatography |
| HPO ₄ ²⁻ | hydrogen phosphate |
| H ₂ PO ₄ ⁻ | dihydrogen phosphate |
| H ₂ SO ₄ | sulfuric acid |
| H ₃ BO ₃ | boric acid |
| K | potassium |
| kV | kilovolt |
| Mg | magnesium |
| ml | milliliter |
| mM | millimolar |
| Mn | manganese |
| Mo | molybdenum |
| MoO ₄ ²⁻ | molybdate |
| N | nitrogen |
| Nb | niobium |
| NH ₄ ⁺ | ammonium |
| NO ₃ ⁻ | nitrate |
| P | phosphorus |
| PAR | 4-(2-pyridylazo)resorcinol |
| S | sulfur |
| SO ₄ ²⁻ | sulfate |
| Ta | tantalum |
| TBABr | Tetrabutylammoniumbromide |
| μl | microliter |
| μm | micrometer |
| Zn | zinc |
| Zr | zirconium |