

Glossary

UNITS OF MEASURE

amp — Unit of electrical current.

aufs — Unit of measurement when using high performance liquid chromatography techniques. Acronym for absorbance units full scale.

cm — Unit of length. Abbreviation for centimeter. 1 centimeter = 1/100 meter.

cfu — Unit measurement for bacteria. Abbreviation for colony forming units.

Dalton — A.M.U. (Atomic Mass Unit).

°C — Unit of temperature abbreviation for degree Centigrade. $^{\circ}\text{C} = 5/9 (^{\circ}\text{F} - 32)$.

°F — Unit of temperature. Abbreviation for degree Fahrenheit. $^{\circ}\text{F} = 9/5 (^{\circ}\text{C} + 32)$.

gph — Unit of water flow. Abbreviation for U.S. gallons per hour.

gpm — Unit of water flow. Abbreviation for U.S. gallons per minute.

grain — Unit of ion-exchange capacity. Also, unit of weight.

g — Unit of weight. Abbreviation for gram. 1 gram = 0.035 ounces.

Hz — Unit of electrical frequency. Abbreviation for Hertz. 1 Hertz = 1 cycle per second.

kg/cm² — Unit of pressure. Abbreviation for kilogram per square centimeter. $1 \text{ kg/cm}^2 = 14.2$ pounds per square inch.

Kg — Unit of weight. 1 kg = 2.2 pounds.

megohm-cm — Unit of specific resistance of water. 1 megohm-cm = 1,000,000 ohm-cm.

meter — Unit of length. 1 meter = 39.37 inches.

mho/cm — Unit of specific conductance of water.

µm — Unit of length. Abbreviation for micrometer. $1 \mu\text{m} = 1/1,000,000$ meter.

µg — Unit of weight. Abbreviation for microgram. $1 \mu\text{g} = 1/1,000,000$ gram.

µmho/cm — Unit of specific conductance of water. Abbreviation for µmho/cm. $1 \mu\text{mho/cm} = 1/1,000,000$ ohm-cm.

µ — Unit of length. 1 micron = 1/1,000,000 meter.

µs/cm — Unit of specific conductance of water. Abbreviation of µSiemen/cm. $1 \mu\text{Siemen/cm} = 1/1,000,000$ mho/cm.

mg — Unit of weight. Abbreviation for milligram. 1 milligram = 1/1,000 gram.

ml — Unit of volume. Abbreviation for milliliter. 1 milliliter = 1/1,000 liter.

mm — Unit of length. Abbreviation for millimeter. 1 millimeter = 1/1,000 meter.

ng — Unit of weight. Abbreviation for nanogram. 1 nanogram = 1/1,000,000,000 gram.

NPT — Abbreviation for National Pipe Thread. **NTU** — Unit of turbidity. Abbreviation for Nephelometric Turbidity Unit.

ohm-cm — Unit of specific resistance of water.

ppm-days — Unit of total chemical exposure. Abbreviation for the multiplicative product of parts per million concentration multiplied by the number of days exposure to that concentration. 2 ppm-days = 2 ppm for 1 day or 1 ppm for 2 days.

psi — Unit of pressure. Abbreviation for pounds per square inch.

S/cm — Unit of specific conductance of water. Abbreviation for Siemens per centimeter. 1 Siemen/cm. = 1 mho/cm.

TDS — Abbreviation for total dissolved solids.

TIS — Abbreviation for total ionized solids.

VAC — Abbreviation for volts, alternating current.