Abbreviations and symbols

[α]	Angle of rotation in polarized light.
$[\alpha]_D^{20\,°C}$	Specific optical rotation, angle of rotation (α) of a liquid or of a substance in solution, measured in degrees (°) of rotation at the wavelength of the sodium D-line (589.3 nanometres) and at a temperature of 20 ± 0.5 °C. For liquids it is calculated with reference to a path length of 100 millimetres and divided by the relative density at 20 °C; for substances in solution it is calculated with reference to a path length of 100 millimetres of a solution containing 1 gram of the substance per millilitre.
A	Absorbance, extent of radiation absorbed by a solution expressed in logarithm, decimal, of the reciprocal of the transmittance.
$A_{1\,cm}^{1\,\%}$	Specific absorbance, absorbance of a solution containing 1 gram of substance in 100 millilitres of solution (1% solution) and measured at a path length of 1 centimetre.
ATCC	American Type Culture Collection, 10801 University Boulevard, Manassas, VA 20110-2209, USA.
CAS Reg.	Registration Number established by the Chemical Abstracts Service of the American Chemical Society.
C.I.	Colour Index Number (British).
CIP	Collection de Bact(c)ries de l'Institut Pasteur, 25 rue du Docteur Roux, F-75724 Paris Cedex 15, France.
Cm	Culture medium (see "Reagents, test solutions, and volumetric solutions").
d	Relative density, dimensionless, ratio of the density (r) of a substance to that of a reference substance under specified conditions.
d_{20}^{20}	Relative density, ratio of the mass of a given volume of the substance to that of an equal volume of water, both at 20°C.
$E_{1\,cm}^{1\,\%}$	This symbol has been replaced by $A_{1\,cm}^{1\,\%}$
IU	International Units.
mol/l	Concentration, amount of substance of solute per 1000 millilitres of solution.
n	Refractive index for electromagnetic radiation in a given medium, dimensionless, ratio of the sine of the angle of incidence of electromagnetic radiation on a medium to the sine of its angle of refraction in the medium.
n_D^{20}	Refractive index, value measured at the wavelength of the sodium D-line (589.3 nanometres) and at a temperature of 20 ± 0.5°C.
NCIMB	National Collections of Industrial and Marine Bacteria Ltd, 23 St Machar Drive, Aberdeen AB24 3RY, Scotland.
NCTC	National Collection of Type Cultures, Central Public Health Laboratory, Colindale Avenue, London NW9 5HT, England.
NCYC	National Collection of Yeast Cultures, AFRC Food Research Institute, Colney Lane, Norwich NR4 7UA, England.
P	Probability of an event in statistical estimations.
pH	Dimensionless, physical quantity expressing the acidity or alkalinity of a solution, measured as the negative logarithm of the hydrogen-ion concentration or hydrogen-ion activity expressed in moles per litre. The scale, 0 - 14, represents the acidity and alkalinity, 7 indicating the neutral state, numbers below 7 an increasing acidity, and numbers above 7 an increasing alkalinity.
ρ	Mass density, mass divided by volume.
ρ_{20}	Mass density, the mass of one unit volume of the substance, expressed in kilograms per cubic metre (in *The International Pharmacopoeia* as grams per millilitre) measured at a temperature of 20°C.
R	Reagent (see "Reagents, test solutions, and volumetric solutions").
R_f	Ratio of fronts, related to fronts. In paper or thin-layer chromatography, ratio of the distance travelled by the substance to that travelled by the mobile phase.
R_r	In chromatography, ratio of the distances travelled by the substance to that of the reference substance.
RS	Reference substance (see "Reagents, test solutions, and volumetric solutions").
SI	International System of Units (*Système international d'Unit(c)s*).
TS	Test solution (see "Reagents, test solutions, and volumetric solutions").
VS	Volumetric solution (see "Reagents, test solutions, and volumetric solutions").