

## Abbreviations

AAS	Atomic absorption spectrometry
ACS	American Chemical Society
ADR	Accord européen relatif au transport international des marchandises Dangereux par Route
AF NOR	French association for standardization (Association Française de Normalisation)
AMG	German Medicines Act (Arzneimittelgesetz)
AOX	Adsorbable organic halogen
ASTM	American Society for Testing and Materials
BAT	Biological Substance Tolerance Value
BET	Surface determination according to Brunauer, Emmet, and Teller
BG	Battery grade
BOD	Biochemical oxygen demand
BRN	Beilstein Registry Number
BS	British Standard
BP	British Pharmacopoeia
BPC	British Pharmaceutical Codex
CAS	Chemical Abstracts Service
C.I. No.	Colour Index Number
COD	Chemical oxygen demand
DAB	Deutsches Arzneibuch (German Pharmacopoeia)
DAC	German Pharmaceutical Codex
DEV	German standard methods for the analysis of water, wastewater, and sludge (Deutsches Einheitsverfahren zur Wasser-, Abwasser- und Schlamm-Untersuchung)
DFG	German research association (Deutsche Forschungsgemeinschaft)
DGR	Dangerous Goods Regulation
DIN	German standards institute (Deutsches Institut für Normung)
DSC	Differential scanning calorimetry
EC	Enzyme Commission
ECD	Electron capture detector
EOCl	Extractable organic chlorine
Erg B	Ergänzungsbuch zum Deutschen Arzneibuch (Supplement to German Pharmacopoeia)
FAM	German mineral oil and fuel standards commission (Fachausschuß für Mineralöl- und Brennstoff-Normung)
FBras	Farmacopea Brasileira
FCC	Food Chemical Codex/USA
FIA	Fluorescence indicator analysis
FIA	Flow injection Analysis
FID	Flame ionization detector
FIP	International pharmaceutical federation (Fédération Internationale Pharmaceutique)
FO	Fibre optics
FU	Farmacopea Ufficiale della Repubblica Italiana
g	gram
GC	Gas chromatography
GLP	Good Laboratory Practice
GMP	Good Manufacturing Practice
GPC	Gel permeation chromatography
GR	Guaranteed Reagent
HDPE	High-density polyethylene
HIC	Hydrophobic interaction chromatography
hPa	hectopascal (1 hPa = 1 mbar)
HPLC	High-performance liquid chromatography
HPTLC	High-performance thin layer chromatography
HS	Harmonized system
IATA	International Air Transport Association



IC	Ion chromatography
ICAO	International Civil Aviation Organization
ICP	Induction-coupled plasma
IMDG-Code	International Maritime Code for Dangerous Goods
IR	Infrared spectroscopy
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
JP	The Pharmacopoeia of Japan
kg	kilogram
l	litre
LBK	Lecture bottle - corrosive gas
LBN	Lecture bottle - non-corrosive gas
LC	Liquid chromatography
LD	Letal dosis
LLC	Liquid-liquid-chromatography
LLPC	Liquid-liquid partition chromatography
LSC	Liquid Scintillation Counting
LSC	Liquid-solid chromatography
M	molar mass
µm	micrometer ( $10^{-6}$ m)
m <sup>3</sup>	cubic metre
MAC	Maximum allowed concentration
MAK	Maximum workplace concentration (maximale Arbeitsplatzkonzentration)
mbar	millibar (1 mbar = 1 hPa)
mg	milligram
ml	millilitre (= ccm, cm <sup>3</sup> )
MOS	Metal-oxide semiconductor
MS	Mass spectrometry
NF	The National Formulary
NBS	National Bureau of Standards
nm	nanometer ( $10^{-9}$ m)
NMR	Nuclear magnetic resonance spectrometry
NNR	New and Nonofficial Remedies
NT	New Technology
NTU	Nephelometric Turbidity Unit
ÖAB	Österreichisches Arzneibuch (Austrian Pharmacopoeia)
PA	Polyamide
Packing cat.	Packing category
PAH	Polycyclic aromatic hydrocarbons
PAX	Passenger Aircraft
PCB	Polychlorinated biphenyls
PE	Polyethylene
pH	negative logarithm to base 10 of the hydrogen-ion concentration
Ph Belg	Pharmacopea Belge
Ph Eur	European Pharmacopoeia
Ph Franc	Pharmacopée Française
Ph Helv	Pharmacopoea Helvetica
Ph Ned	Pharmacopoea Nederlandica
Ph Nord	Pharmacopoea Nordica
pl	isoelectric point
PLC	Preparative layer chromatography
PND	Phosphorus nitrogen detector
ppb	parts per billion ( $1:10^9$ )
ppm	parts per million ( $1:10^6$ )
PTFE	Polytetrafluoroethylene
PVDF	Polyvinylidene difluoride

R	Risk phrases
RFA	X-ray fluorescence analysis (Röntgen-Fluoreszenz-Analyse)
RI	Refractive Index
RP	Reversed-phase chromatography
S	Safety phrases
SLSI	Super Large Scale Integration
S.No.	Schultz' colour table number
SPU	Sample preparation unit
SRM	Standard reference material
TCD	Thermal conductivity detector
TISAB	Total ionic strength adjustment buffer
TLC	Thin-layer chromatography
TOC	Total organic carbon
U	enzyme-activity unit
ULSI	Ultra Large Scale Integration
USP	The United States Pharmacopoeia
UV	Ultraviolet spectroscopy
UV/VIS	UV/visible spectroscopy
VbF	Verordnung über brennbare Flüssigkeiten (Regulation about flammable liquids)
VLSI	Very large-scale integrated circuits
WGK	German water-pollution risk classes (= Wassergefährdungsklasse)
WHO	World Health Organisation

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