

Abbreviations

Abbreviation	Meaning
AAS	Atomic absorption spectrometry
AFS	Atomic fluorescence spectrometry
ASV	Anodic stripping voltammetry
BGIA	Berufsgenossenschaftliches Institut für Arbeitsschutz
BSTFA	N,O-Bis(trimethylsilyl)trifluoroacetamide
BV	Breakthrough volume
CAS	Chemical Abstracts Service
CE	Capillary electrophoresis
CIP	Capteur individuel de poussière
CIS	Conical inhalable sampler (designed identical with GSP)
CV	Coefficient of variation
CVAAS	Cold vapour atomic absorption spectrometry
DI-water	Deionised water
DMF	N,N-Dimethyl-formamide
DMSO	Dimethyl sulphoxide
DNPH	Dinitrophenylhydrazine
DO	Dorr-Oliver
DPC	Diphenylcarbazine
EC	European Community
ECD	Electron capture detector
ECHD	Electrochemical detection
EGA	Evolved gas analysis
EINECS	European Inventory of Existing Commercial Substances
ETAAS	Electrothermal atomic absorption spectroscopy
EU	European Union
FAAS	Flame atomic absorption spectrometry
FD	Fluorescence detector
FID	Flame ionisation detector
FSP	Feinstaub-Probenahme (respirable dust sampler)
FTIR	Fourier transform infrared
GC	Gas chromatography

Abbreviation	Meaning
GF	Glass fibre
GFF	Glass fibre filter
GGP	Gesamtstaub-Gas-Probenahme (inhalable dust and vapour sampler)
GK	Gussman-Kenny
GSP	Gesamtstaub-Probenahme (inhalable dust sampler)
HD	Higgins-Dewell
HFBI	Heptafluorobutyrylimidazole
HGAAS	Hydride generation atomic absorption spectrometry
HLV	Highest limit value (within the EU)
HPLC	High performance liquid chromatography
HS	Head space
IC	Ion chromatography
ICP-AES	Inductive coupled plasma atomic emission spectroscopy
INRS	Institut National de Recherche et Sécurité
INSHT	Instituto Nacional de Seguridad e Higiene en el Trabajo
IOE	Indicative occupational exposure
IOM	Institute of Occupational Medicine
IPA	Isopropyl alcohol (propan-2-ol)
IR	Infrared
IRSST	Institut de recherche Robert-Sauvé en Santé et en Sécurité du Travail
ISE	Ion selective electrode
ISO	International Standards Organization
LLV	Lowest limit value (within the EU)
LOD	Limit of detection
LOQ	Limit of quantification
1-2MP	1-(2-methoxyphenyl)-piperazine
MA	Método aceptado
MCE	Mixed cellulose ester
MDHS	Methods for determination of hazardous substances
MeOH	Methanol
mM	Millimolar
MTA	Métodos de tomo de muestras y análisis
MWF	Metalworking fluid

Abbreviation	Meaning
NDIR	Non-dispersive infrared spectrophotometry
NIOSH	National Institute for Occupational Safety and Health
1-NITC	1-Naphthylisothiocyanate
Nitroreagent	4-Nitrobenzylpropylamine
NSD	Nitrogen sulphur detector
OSA	On site analytical method
OSHA	Occupational Safety and Health Administration
OU	Overall uncertainty
ppb	parts per billion
ppm	parts per million
PT	Proficiency testing
PTFE	Polytetrafluoroethylene
PVC	Polyvinyl chloride
QF	Quartz fibre
RF	Radio frequency
RH	Relative humidity
TCD	Thermal conductivity detector
TEA	Triethanolamine
THF	Tetrahydrofuran
TD	Thermal desorption
TID	Thermal ionisation detector
TISAB	Total ionic strength activity buffer
TWA	Time-weighted average
TXRF	Total reflection x-ray spectrophotometry
UV	Ultraviolet
UV-Vis	Ultraviolet-visible spectrophotometry
WASP	Workplace Analysis Scheme for Proficiency
WR	Working range
XRD	X-ray diffraction
XRFS	X-ray fluorescence spectrometry