

Product Specifications

CL00.2007

Triethanolamine v.p.

Triethanolamina t.p.
Triethanolamin Rst.
Triéthanolamine t.p.
Triethanolammina e.p.
Triethanolamine z.z.

Mol weight: 149.19 g/mol
Density: 1,12 g/ml
HS Nr: 29221500
CAS Nr: 102-71-6
UN:
ADR:

For laboratory use, NF, Ph. Eur., USP
99.8+% C₆H₁₅NO₃

Specifications:

Assay	>99.8%
Identity	acc. to Ph. Eur: passes test
Density	20/20 : 1,120-1,130
Density	25/25 : 1,120-1,128
Refractive Index	20/D : 1,482-1,485
Appearance	: passes test
Residue after Ignition	(as SO ₄): 0.05%
Related Substances	
Water	< 0.5%
Heavy Metals as Lead (Pb)	< 0.001%
Elemental Impurities (Ph Eur./ICH)	
Cadmium (Cd)	<0.00005%
Lead (Pb)	<0.00005%
Arsenic (As)	<0.00015%
Mercury (Hg)	<0.00015%
Cobalt (Co)	<0.0005%
Vanadium (V)	<0.001%
Nickel (Ni)	<0.002%
Thallium (Tl)	<0.00008%
Gold (Au)	<0.001%
Palladium (Pd)	<0.001%
Iridium (Ir)	<0.001%
Osmium (Os)	<0.001%
Rhodium (Rh)	<0.001%
Ruthenium (Ru)	<0.001%
Selenium (Se)	<0.0015%
Silver (Ag)	<0.0015%
Platinum (Pt)	<0.001%
Lithium (Li)	<0.0055%
Antimony (Sb)	<0.012%
Barium (Ba)	<0.014%
Molybdenum (Mo)	<0.0025%
Copper (Cu)	<0.025%
Tin (Sn)	<0.06%
Chromium (Cr)	<0.0025%
Residual Solvents (Ph Eur./ICH)	: passes test
Ethanolamine	<0.1%
Diethanolamine	<0.5%
Total Impurities	<1.0%
N-Nitrosodietanolamine	<24ppb