

neoFroxx GmbH

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Specification

Product	Trichloroacetic acid (TCA)
Brand	Labochem

Quality	pure EP
Product number	LC-17001
Formula	CCl_3COOH
Molecular weight	163.39 g/mol
CAS number	76-03-9
Density (20°C)	1.63 kg/l
Solubility (water, 20°C)	1600 g/l
Melting point	52 - 58°C
Storage	below 25°C

We herewith confirm that this product meets the requirements of the European Pharmacopoeia (EP 9.0).

Parameter	Specification
Assay (alkalimetric)	99.0 - 100.5 %
Identity (IR-spectrum)	passes test
Appearance	colorless, deliquescent crystals
Appearance of solution (100 g/l in water)	clear and not more intense in color than reference solution BY ₇
Chloride (Cl)	max. 0.01 %
Fe	max. 0.001 %
Related substances (GC) (Dichloroacetic acid)	max. 0.3 %
Related substances (GC) (Monochloroacetic acid)	max. 0.1 %
Residual solvents (EP/ICH)	excluded by manufacturing process
Sulfated ash (600°C)	max. 0.05 %

Einhausen, 24.01.2019