



Product Specification

Product Name: TRICHLOROACETIC ACID AR

Alternate Name(s)

Description

Deliquescent colourless crystals; sharp pungent odour.

Properties

Chemical Formula: CCl_3COOH

Molecular Weight: 163.39

Product Code: TA030

CAS No. 76-03-9

General Information:

Soluble in alcohol and ether. In the presence of moisture, corrosive to most metals.

Hazard and Safety Data

UN Group: II
Class: 8
UN Number: 1839
Hazchem code: 2X
CS MSDS Code:
Poison schedule: S6
Emergency
Procedure Guide No.: 36

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Specific Gravity	1.6298
Solubility in Water @ 20°C	1200 g/L
Boiling Point	197.5 °C
Melting Point	54 - 58°C
Residue after ignition	≤ 0.03%
Clarity of solution	Passes test
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.002%
Nitrate (NO ₃)	≤ 0.002%
Phosphate (PO ₄)	≤ 0.0005%
Sulfate (SO ₄)	≤ 0.02%
Heavy metals (as Pb)	≤ 0.002%
Substances darkened by sulfuric acid	Passes test
Iron (Fe)	≤ 0.001%

CONFORMS TO ACS

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