



Specification

Trichloroacetic Acid ACS

Catalog Number: TA1005
CAS Number: 76-03-9
Synonym(s): TCA
Molecular Formula: $C_2HCl_3O_2$
Molecular Weight: 163.39
Storage: 2°C – 8°C, Store with dessicant
Retest Date: July 5, 2018

Test	Specification
Appearance	White crystalline powder
Assay (Titration)	≥ 99.0%
Melting Point	54°C – 58°C
Solubility (80mg/mL)	Clear & colorless
pKa	0.7
Insoluble Material	≤ 0.01%
Chloride	≤ 0.002%
Nitrate	≤ 0.002%
Phosphate	≤ 5ppm
Sulfate	≤ 0.02%
Heavy Metals	≤ 20ppm
Iron	≤ 10ppm

Approved by:

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