

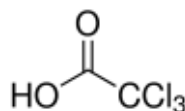
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Product Specification

Product Name:
Trichloroacetic acid – ACS reagent, ≥99.0%

Product Number: T6399
CAS Number: 76-03-9
MDL: MFCD00004177
Formula: C₂HCl₃O₂
Formula Weight: 163.39 g/mol
Storage Temperature: 2 - 8 °C



TEST	Specification
Appearance (Clarity) Clarity of solution	Pass
Identity by IR	Conforms to Structure
Insoluble matter	≤ 0.01 %
Chloride Content	≤ 0.002 %
Nitrate	≤ 0.002 %
Phosphate	≤ 5 ppm
Sulfate	≤ 0.02 %
Heavy Metals (as Lead)	≤ 0.002 %
Iron (Fe)	≤ 0.001 %
Substances Darkened (by H ₂ SO ₄)	Pass
Residue on ignition (Ash)	≤ 0.03 %
Assay	≥ 99.0 %
Recommended Retest Period 2 years	-----

Specification: PRD.1.ZQ5.10000030356

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.