

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-10 09:56:37  
 Date of Next Testing: 2030-04-09 09:56:37  
 Product Name: **trichloroacetic acid**  
 CAS Number: 76-03-9  
 Specifications & Purity: ACS, ≥99%  
 Lot #: D2602452  
 SKU #: **T104261**  
 Version: **1**  
 Analysis #: **679412**  
 Storage Temperature: Store at 2-8°C, Argon charged, Desiccated

Parameter	Limit Values	Result
(NO <sub>3</sub> )Nitrate	0-0.002 (%)	0.00000 %
Phosphate(PO <sub>4</sub> )	0-5 (ppm)	0.00000 ppm
Melting point	54-58 (°C)	56.60000 °C
Iron(Fe)	0-0.001 (%)	0.00030 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.02 (%)	0.00000 %
Chloride Content	0-0.002 (%)	0.00000 %
Ignition Residue(Ash)	0-0.03 (%)	0.00000 %
Insoluble matter in H <sub>2</sub> O	0-0.01 (%)	0.00000 %
Assay	99-100 (%)	99.30000 %
Heavy metal (as Pb)	0-0.002 (%)	0.00200 %
Appearance (T104261)	white powder or solid	white powder or solid
Clarity of solution	pass	Pass
Substances Darkened (by H <sub>2</sub> SO <sub>4</sub> )	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager