

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-06 10:31:50
 Date of Next Testing: 2027-11-05 10:31:50
 Product Name: **trichloroacetic acid(TCA)**
 CAS Number: 76-03-9
 Specifications & Purity: ACS, ≥99%
 Lot #: J2327681
 SKU #: **T104261**
 Version: **1**
 Analysis #: **284455**
 Storage Temperature: Store at 2-8°C, Argon charged, Desiccated

Parameter	Limit Values	Result
(NO ₃)Nitrate	0-0.002 (%)	0.00000 %
Phosphate(PO ₄)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-0.001 (%)	0.00000 %
Heavy metal (as Pb)	0-0.002 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.02 (%)	0.00000 %
Chloride Content	0-0.002 (%)	0.00100 %
Ignition Residue(Ash)	0-0.03 (%)	0.00000 %
Insoluble matter in H ₂ O	0-0.01 (%)	0.00000 %
Assay	99-100 (%)	99.32000 %
Melting point	54-58 (°C)	55.14000 °C
Appearance (T104261)	white powder or solid	white powder or solid
Clarity of solution	pass	Pass
Substances Darkened (by H ₂ SO ₄)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager