

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-15 14:28:17
 Date of Next Testing: 2029-05-14 14:28:17
 Product Name: **Trichloroacetic acid(TCA)**
 CAS Number: 76-03-9
 Specifications & Purity: for electrophoresis, ≥99%, suitable for fixing solution (for IEF and PAGE gels)
 Lot #: H2303550
 SKU #: **T433650**
 Version: **1**
 Analysis #: **704151**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	54-58 (°C)	57.11800 °C
Purity (Titration by NaOH)	99-100.5 (%)	99.77800 %
Heavy metal (as Pb)	0-0.002 (%)	0.00010 %
Iron(Fe)	< 0.0005 (%)	0.00000 %
Nitrate(NO3)	0-0.002 (%)	0.00000 %
Phosphate(PO4)	0-5 (ppm)	0.00000 ppm
Sulfate(SO42-)	0-0.02 (%)	0.00000 %
Chloride (Cl-)	0-0.001 (%)	0.00000 %
Appearance(T433650)	White Powder or Crystals or Flakes	White Powder or Crystals or Flakes
Suitability for use in fixing solutions for isoelectric focusing and polyacrylamide gels	Suitable	Suitable
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility (1 g/mL, H2O) Clear(< 3 NTU)Colorless	Pass	Pass



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

John Su
QA & QC Manager