

## Certificate of Analysis

Date of Testing:	2023-08-07 10:40:08
Date of Next Testing:	2026-08-06 10:40:08
Product Name:	<b>Trichloroacetic acid</b>
CAS Number:	76-03-9
Specifications & Purity:	Premium-Grade Reagents , for Analysis, ACS,Reag. Ph Eur
Lot #:	H2303537
SKU #	<b>T433652</b>
<b>Analysis:</b>	<b>260549</b>
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Assay(alkalimetric)	99.5-100.5 (%)	99.78000 %
Insoluble matter in H2O	0-0.01 (%)	0.00 %
Chloride (Cl-)	0-10 (ppm)	1.00 ppm
Nitrate(NO3)	0-20 (ppm)	0.00000 ppm
Phosphate(PO4)	0-5 (ppm)	0.00000 ppm
Sulphate(SO4)	0-200 (ppm)	0.00000 ppm
Heavy metal (as Pb)	0-20 (ppm)	1.00 ppm
Copper(Cu)	0-5 (ppm)	0.02 ppm
Iron(Fe)	0-10 (ppm)	0.00 ppm
Sulfated ash(600°C)	0-300 (ppm)	80.00000 ppm
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(T433652)	White to Off-White Powder or Crystal or Chunk(s)	White to Off-White Powder or Crystal or Chunk(s)
Appearance of solution(200 g/l;water , clear and colorless)	pass	Pass
Readily carbonisable substance	Passes test	Passes test



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ALADDIN SCIENTIFIC CORPORATION

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

John Su  
QA & QC Manager