

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Trichloroacetic acid(TCA)
Specifications & Purity:	for electrophoresis, ≥99%, suitable for fixing solution (for IEF and PAGE gels)
SKU #	T433650

Parameter	Limit Values
Appearance(T433650)	White Powder or Crystals or Flakes
Suitability for use in fixing solutions for isoelectric focusing and polyacrylamide gels	Suitable
Infrared spectrum	Conforms to Structure
Melting point	54-58 (°C)
Solubility (1 g/mL, H ₂ O) Clear(< 3 NTU)Colorless	Pass
Purity (Titration by NaOH)	99-100.5 (%)
Heavy metal (as Pb)	0-0.002 (%)
Iron(Fe)	< 0.0005 (%)
Nitrate(NO ₃)	0-0.002 (%)
Phosphate(PO ₄)	0-5 (ppm)
Sulfate(SO ₄ ²⁻)	0-0.02 (%)
Chloride (Cl ⁻)	0-0.001 (%)