

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **tri-Sodium citrate dihydrate**
Specifications & Purity: Premium-Grade Reagents , for Analysis, ACS,ISO,Reag. Ph Eur
SKU # **T433112**

Parameter	Limit Values
Appearance(T433112)	White Powder or Crystals
Insoluble matter in H ₂ O	0-0.005 (%)
PH (5%, water) 25 ° C	7.5-9
Chloride (Cl ⁻)	0-0.001 (%)
oxalate (C ₂ O ₄ ²⁻)	0-0.03 (%)
(PO ₄)Phosphate	0-0.002 (%)
Sulfate(SO ₄ ²⁻)	0-0.004 (%)
Total Nitrogen	0-0.001 (%)
Heavy metal (as Pb)	0-0.0005 (%)
Calcium(Ca)	0-0.005 (%)
Iron(Fe)	0-0.0005 (%)
Ammonia (NH ₃)	0-0.003 (%)
NMR Spectrum 1H	Conforms to Structure
Water by Karl Fischer	11.0-13 (%)
Assay(perchloric acid titration)	99-101 (%)
Assay(Perchloric acid titration, calc. on anhydrous substance)	99-101 (%)