

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Tris(hydroxymethyl)aminomethane hydrochloride
Specifications & Purity:	Ultra pure, ≥99%
SKU #	T105289

Parameter	Limit Values
Lead (Pb)	0-0.0005 (%)
Copper(Cu)	0-0.0005 (%)
UV Absorbance 260nm(at 1M in H2O)	0-0.06
Cobalt (Co)	0-0.0005 (%)
Purity (Titration by NaOH)	99-101 (%)
Sulfate(SO42-)	0-0.005 (%)
Oxygen by Elemental Analysis	30-30.7 (%)
Ignition Residue (as sulfate)	0-0.2 (%)
Carbon by Elemental Analysis	29.55-31.38 (%)
UV Absorbance 280nm(at 1M in H2O)	0-0.06
Strontium(Sr)	0-0.0005 (%)
Zinc(Zn)	0-0.0005 (%)
Cadmium(Cd)	0-0.0005 (%)
Barium(Ba)	0-0.0005 (%)
Nitrogen by Elemental Analysis	8.6-9.1 (%)
Bismuth(Bi)	0-0.0005 (%)
Loss on drying	0-0.2 (%)
Aluminum(Al)	0-0.0005 (%)
Appearance (T105289)	White Powder or Crystals
Infrared spectrum	Conforms to Structure
Insoluble matter	pass
Proton NMR spectrum	Conforms to Structure
Solubility in H2O , Colorless and clear(0.5M,20°C)	pass
UV Absorbance 290nm(40%,H2O)	0-0.05