

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Tris(hydroxymethyl)aminomethane**
 Specifications & Purity: for molecular biology, $\geq 99.9\%$ (T)
 SKU #: **T110601**

Parameter	Limit Values
Molybdenum(Mo)	0-5 (ppm)
UV Absorbance 280nm (4 M in H ₂ O)	0-0.08
useful PH range	7-9
UV Absorbance 260nm (4 M in H ₂ O)	0-0.1
Ignition Residue (as sulfate)	0-0.01 (%)
Sodium(Na)	0-50 (ppm)
Chrome(Cr)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Sulfate(SO ₄ ²⁻)	0-5 (ppm)
(Pb)Lead	0-5 (ppm)
Nickel(Ni)	0-5 (ppm)
Chloride (Cl ⁻)	0-20 (ppm)
Lithium(Li)	0-5 (ppm)
Strontium(Sr)	0-5 (ppm)
Cadmium(Cd)	0-5 (ppm)
Magnesium (Mg)	0-5 (ppm)
Purity (Titration by H ₂ SO ₄)	99.7-100.3 (%)
pH	10.5-12
Potassium(K)	0-50 (ppm)
Loss on drying	0-0.5 (%)
Bismuth(Bi)	0-5 (ppm)
(As)Arsenic	0-0.1 (ppm)
Barium(Ba)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Copper(Cu)	0-5 (ppm)
Cobalt (Co)	0-5 (ppm)
Aluminum(Al)	0-5 (ppm)
Calcium(Ca)	0-10 (ppm)
Manganese(Mn)	0-5 (ppm)
DNases	none detected
Insoluble matter	pass
phosphatases	none detected

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Parameter

pKa

proteases

RNases

Solubility in H₂O , soluble , 1M , 20°C, clear, colorless

Infrared spectrum

Limit Values

6.8

none detected

none detected

pass

Conforms to Structure