

Specification Sheet

Product Name: **Trizma® base**
Specifications & Purity: **≥99.0% (T)**
SKU #: **T434094**

Parameter	Limit Values
Appearance(T434094)	White to Off-White Solid, Powder, or Crystals
Purity(Titration)(HCl 1M)	99-101 (%)
Melting point	168-172 (°C)
Solubility in H ₂ O,clear colorless,1M in Water	Pass
Loss on drying	0-1 (%)
Infrared spectrum	Conforms to Structure
Calcium(Ca)	0-10 (ppm)
Cadmium(Cd)	0-5 (ppm)
Cobalt (Co)	0-5 (ppm)
Chromium (ICP)	0-5 (ppm)
Copper(Cu)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Potassium(K)	0-50 (ppm)
Magnesium (Mg)	0-5 (ppm)
Manganese(Mn)	0-5 (ppm)
Sodium(Na)	0-50 (ppm)
Nickel(Ni)	0-5 (ppm)
Lead(Pb)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Total sulfur as SO ₄ (ICP)	0-50 (ppm)
Chloride (Cl ⁻)	0-50 (ppm)