

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	TES
Specifications & Purity:	Ultra pure, ≥ 99.5%(T)
SKU #	T105114

Parameter	Limit Values
Zinc(Zn)	0-0.0005 (%)
A280 (1 m in H ₂ O)	0-0.045
Chrome(Cr)	0-0.0005 (%)
Lead (Pb)	0-0.0005 (%)
loss on drying, 110 °C	0-1 (%)
Lithium(Li)	0-0.0005 (%)
Potassium(K)	0-0.02 (%)
Molybdenum(Mo)	0-0.0005 (%)
Iron(Fe)	0-0.0005 (%)
Copper(Cu)	0-0.0005 (%)
Aluminum(Al)	0-0.0005 (%)
Barium(Ba)	0-0.001 (%)
Barium(Ba)	0-0.001 (%)
Bismuth(Bi)	0-0.0005 (%)
Magnesium(Mg)	0-0.0005 (%)
Cadmium(Cd)	0-0.0005 (%)
A260 (1 m in H ₂ O)	≤0.06
Strontium(Sr)	0-0.0005 (%)
Chloride (Cl ⁻)	0-0.005 (%)
Nickel(Ni)	0-0.0005 (%)
Cobalt (Co)	0-0.0005 (%)
Sulfate(SO ₄ ²⁻)	0-0.005 (%)
Sodium(Na)	0-0.01 (%)
(As)Arsenic	0-0.0001 (%)
Manganese(Mn)	0-0.0005 (%)
Ignition Residue(SO ₄ , 900 °C)	0-0.1 (%)
Purity(Titration)	99.5-100.5 (%)
PH(1 M in water)	3.5-5
Appearance (T105114)	White Powder or Crystals
Infrared spectrum	Conforms to Structure
Insoluble matter	pass
Solubility in H ₂ O , colorless and clear (0.1M)	pass