

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Tetramethylammonium chloride(TMACI)
Specifications & Purity:	Suitable for molecular biology, ≥99%(AT)
SKU #	T139946

Parameter	Limit Values
Strontium(Sr)	0-5 (ppm)
UV Absorbance 260nm	0-0.02
Chromium (ICP)	0-5 (ppm)
Sodium(ICP)	0-50 (ppm)
Arsenic traces(MHS-AAS)	0-0.1 (ppm)
Cobalt(ICP)	0-5 (ppm)
Total sulfur as SO ₄ (ICP)	0-50 (ppm)
Copper(ICP)	0-5 (ppm)
Potassium(K)(ICP)	0-50 (ppm)
Magnesium (Mg)	0-5 (ppm)
Lithium (ICP)	0-5 (ppm)
Barium (ICP)	0-5 (ppm)
Zinc(ICP)	0-5 (ppm)
Calcium(Ca)	0-10 (ppm)
Manganese(ICP)	0-5 (ppm)
Nickel(ICP)	0-5 (ppm)
Iron(ICP)	0-5 (ppm)
Molybdenum (ICP)	0-5 (ppm)
UV Absorbance 280nm	0-0.02
Cadmium(Cd)	0-5 (ppm)
Bismuth (ICP)	0-5 (ppm)
Lead (ICP)	0-5 (ppm)
Dimethyl Sulfoxide(NMR)	0-5 (ppm)
(Br)Bromide	0-500 (ppm)
Purity(Titration by AgNO ₃)	99-101 (%)
Appearance (T139946)	Colorless or White Powder or Crystals
DNAse, RNAse, Protease, Phosphatase	None Detected
Proton NMR spectrum	Conforms to Structure
Residue (filter test)	no residue
Solubility(6.57g in 10ml water, Colorless Clear)	Pass