

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-21 14:19:24
 Date of Next Testing: 2027-02-20 14:19:24
 Product Name: **TRIS maleate salt**
 CAS Number: 72200-76-1
 Specifications & Purity: Ultrapure BioReagent, ≥99.5% (NT)
 Lot #: A2422221
 SKU #: **T476192**
Analysis: 306336

Parameter	Limit Values	Result
Residue on Ignition	0-0.1 (%)	0.00000 %
Aluminium(Al)	0-5 (ppm)	0.00000 ppm
Barium(Ba)	0-5 (ppm)	0.00 ppm
Bismuth(Bi)	0-5 (ppm)	0.00 ppm
Calcium(Ca)	0-10 (ppm)	0.00 ppm
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
Cobalt(Co)	0-5 (ppm)	0.00 ppm
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	0.00 ppm
Lithium(Li)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Manganese(Mn)	0-5 (ppm)	0.00 ppm
Molybdenum(Mo)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-50 (ppm)	4.00 ppm
Nickel(Ni)	0-5 (ppm)	0.00 ppm
Lead(Pb)	0-5 (ppm)	0.00 ppm
Strontium(Sr)	0-5 (ppm)	0.00 ppm
Zinc(Zn)	0-5 (ppm)	0.00 ppm
Arsenic Traces (MHS-AAS)	0-100 (ppb)	0.00000 ppb
Chloride (Cl-)	0-50 (ppm)	0.00 ppm
Assay(TITRATION (NT) HClO4 0.1M)	99.5-100.5 (%)	99.51000 %
Total sulfur as SO4 (ICP)	0-50 (ppm)	49.00 ppm
Appearance(T476192)	White Crystalline Powder or crystals	white crystalline powder or crystals
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Solubility(0.5 M in WATER)	Pass	Pass



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager