

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-25 09:08:53
 Date of Next Testing: 2030-07-24 09:08:53
 Product Name: **Tetramethylammonium hydroxide (TMAH)**
 CAS Number: 75-59-2
 Specifications & Purity: electronic grade, UP grade, 2.38% aqueous solution
 Lot #: G2624559
 SKU #: **T1492631**
 Version: **1**
 Analysis #: **741451**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Chloride (Cl-)	0-0.1 (ppm)	0.00000 ppm
Methanol(CH ₃ OH)	0-10 (ppm)	0.00000 ppm
Lithium(Li)	0-1 (ppb)	0.00000 ppb
Magnesium(Mg)	0-1 (ppb)	0.00000 ppb
Aluminium(Al)	0-1 (ppb)	0.00000 ppb
Potassium(K)	0-1 (ppb)	0.00000 ppb
Calcium(Ca)	0-1 (ppb)	0.00000 ppb
Chromium(Cr)	0-1 (ppb)	0.00000 ppb
Manganese(Mn)	0-1 (ppb)	0.00000 ppb
Iron(Fe)	0-1 (ppb)	0.00000 ppb
Cobalt(Co)	0-1 (ppb)	0.00000 ppb
Nickel(Ni)	0-1 (ppb)	0.00000 ppb
Copper(Cu)	0-1 (ppb)	0.27000 ppb
Zinc(Zn)	0-1 (ppb)	0.00000 ppb
Silver(Ag)	0-1 (ppb)	0.00000 ppb
Cadmium(Cd)	0-1 (ppb)	0.00000 ppb
Lead(Pb)	0-1 (ppb)	0.00000 ppb
Concentration	2.377-2.383 (%)	2.38300 %
carbonate (CO ₃ ²⁻)	0-30 (ppm)	30.00000 ppm
Sodium(Na)	0-1 (ppb)	1.00000 ppb
Molybdenum(Mo)	0-1 (ppb)	1.00000 ppb
Appearance(T1492631)	Colorless to light yellow liquid or viscous liquid	Colorless to light yellow liquid or viscous liquid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Solvent(H ₂ O)	Conform	Conform



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager