

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-13 11:52:21
 Date of Next Testing: 2029-12-12 11:52:21
 Product Name: **Tetramethylammonium hydroxide (TMAH)**
 CAS Number: 75-59-2
 Specifications & Purity: electronic grade, UPSS, 2.38% aqueous solution
 Lot #: L2511489
 SKU #: **T1492629**
 Version: **1**
 Analysis #: **616081**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Concentration	2.377-2.383 (%)	2.38000 %
carbonate (CO ₃ ²⁻)	0-30 (ppm)	5.00000 ppm
Chloride (Cl ⁻)	0-0.1 (ppm)	0.00500 ppm
Methanol (CH ₃ OH)	0-10 (ppm)	2.50000 ppm
Lithium (Li)	0-0.1 (ppb)	0.00600 ppb
Sodium (Na)	0-0.1 (ppb)	0.02000 ppb
Magnesium (Mg)	0-0.1 (ppb)	0.01000 ppb
Aluminium (Al)	0-0.1 (ppb)	0.00500 ppb
Potassium (K)	0-0.1 (ppb)	0.01000 ppb
Calcium (Ca)	0-0.1 (ppb)	0.06000 ppb
Chromium (Cr)	0-0.1 (ppb)	0.00690 ppb
Manganese (Mn)	0-0.1 (ppb)	0.00410 ppb
Iron (Fe)	0-0.1 (ppb)	0.03000 ppb
Cobalt (Co)	0-0.1 (ppb)	0.00700 ppb
Nickel (Ni)	0-0.1 (ppb)	0.01000 ppb
Copper (Cu)	0-0.1 (ppb)	0.00720 ppb
Zinc (Zn)	0-0.1 (ppb)	0.01000 ppb
Molybdenum (Mo)	0-0.1 (ppb)	0.00925 ppb
Silver (Ag)	0-0.1 (ppb)	0.00652 ppb
Cadmium (Cd)	0-0.1 (ppb)	0.00850 ppb
Lead (Pb)	0-0.1 (ppb)	0.00740 ppb
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance (T1492629)	Colorless to light yellow liquid or viscous liquid	Colorless to light yellow liquid or viscous liquid
Solvent (H ₂ O)	Conform	Conform



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager