

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-23 14:02:26

Date of Next Testing: 2029-12-22 14:02:26

Product Name: **Tetramethylammonium hydroxide (TMAH)**

CAS Number: 75-59-2

Specifications & Purity: electronic grade, UP grade, 2.38% aqueous solution

Lot #: L2517502

SKU #: **T1492631**

Version: **1**

Analysis #: **595571**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Chloride (Cl ⁻)	0-0.1 (ppm)	0.00000 ppm
Lithium (Li)	0-1 (ppb)	0.00000 ppb
Sodium (Na)	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)	0.00000 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 (%)	2.37800 %
carbonate (CO ₃ ²⁻)	0-30 (ppm)	30.00000 ppm
Methanol (CH ₃ OH)	0-10 (ppm)	2.00000 ppm
Molybdenum (Mo)	0-1 (ppb)	0.82600 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