

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-23 14:01:47

Date of Next Testing: 2029-12-22 14:01:47

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

CAS Number: 75-59-2

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

Lot #: L2517499

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



QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager