

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-18 19:09:41

Date of Next Testing: 2028-06-07 19:09:41

Product Name: **Tetraethylammonium chloride(TEAC)**

CAS Number: 56-34-8

Specifications & Purity: Suitable for molecular biology, ≥99%(AT)

Lot #: F2616567

SKU #: **T118838**

Version: **0**

Analysis #: **717523**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity	99-100 (%)	99.89000 %
Cobalt(Co)	0-5 (ppm)	0.00000 ppm
Bismuth(Bi)	0-5 (ppm)	0.00000 ppm
Manganese(Mn)	0-5 (ppm)	0.00000 ppm
(As)Arsenic	0-0.1 (ppm)	0.00000 ppm
Barium(Ba)	0-5 (ppm)	0.00000 ppm
Potassium(K)	0-50 (ppm)	16.00000 ppm
(Br)Bromide	0-500 (ppm)	0.04120 ppm
Lithium(Li)	0-5 (ppm)	0.00000 ppm
Chromium(Cr)	0-5 (ppm)	0.00000 ppm
Strontium(Sr)	0-5 (ppm)	0.00000 ppm
Sulfate(SO42-)	0-50 (ppm)	0.05200 ppm
Molybdenum(Mo)	0-5 (ppm)	0.00000 ppm
Calcium(Ca)	0-10 (ppm)	0.00000 ppm
(Pb)Lead	0-5 (ppm)	0.00000 ppm
Zinc(Zn)	0-5 (ppm)	0.00000 ppm
Nickel(Ni)	0-5 (ppm)	0.00000 ppm
Copper(Cu)	0-5 (ppm)	0.00000 ppm
Magnesium(Mg)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Cadmium(Cd)	0-5 (ppm)	0.00000 ppm
Aluminum(Al)	0-5 (ppm)	0.00000 ppm
Sodium(Na)	0-50 (ppm)	21.00000 ppm
UV Absorbance 260nm	0-0.03	0.01500
UV Absorbance 280nm	0-0.03	0.00600

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Parameter

Appearance (T118838)

DNases

Insoluble matter

phosphatases

proteases

RNases

Solubility in H₂O , complete colorless (1m in water , 20 °C)λ,1 M in H₂O**Limit Values**

White or light yellow powder

none detected

pass

none detected

none detected

none detected

pass

Pass

Result

White or light yellow powder

none detected

Pass

none detected

none detected

none detected

Pass

Pass

A handwritten signature in black ink that reads "John Su".John Su
QA & QC Manager