

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-23 14:49:11
 Date of Next Testing: 2027-09-13 14:49:11
 Product Name: **Tetraethylammonium chloride(TEAC)**
 CAS Number: 56-34-8
 Specifications & Purity: Suitable for molecular biology, ≥99%(AT)
 Lot #: I2516492
 SKU #: **T118838**
 Version: **0**
 Analysis #: **567026**
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity	99-100 (%)	99.86 %
Cobalt(Co)	0-5 (ppm)	0.00 ppm
Bismuth(Bi)	0-5 (ppm)	0.00 ppm
Manganese(Mn)	0-5 (ppm)	0.00 ppm
(As)Arsenic	0-0.1 (ppm)	0.00 ppm
Barium(Ba)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	0.00 ppm
UV Absorbance 260nm	0-0.03	0.03
(Br)Bromide	0-500 (ppm)	3.81 ppm
Lithium(Li)	0-5 (ppm)	0.00 ppm
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Strontium(Sr)	0-5 (ppm)	0.00 ppm
Sulfate(SO42-)	0-50 (ppm)	1.51 ppm
Molybdenum(Mo)	0-5 (ppm)	0.00 ppm
Calcium(Ca)	0-10 (ppm)	0.00 ppm
(Pb)Lead	0-5 (ppm)	0.00 ppm
Zinc(Zn)	0-5 (ppm)	0.00 ppm
Nickel(Ni)	0-5 (ppm)	0.00 ppm
UV Absorbance 280nm	0-0.03	0.02
Copper(Cu)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-5 (ppm)	0.00 ppm
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
Aluminum(Al)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-50 (ppm)	6.00 ppm

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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