

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-30 10:41:38

Date of Next Testing: 2026-11-20 10:41:38

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

CAS Number: 56-34-8

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

Lot #: K2428174

SKU #: **T118838**

Version: **0**

Analysis #: **187015**

Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
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)	2.00000 ppm
UV Absorbance 260nm	0-0.03	0.01500
(Br)Bromide	0-500 (ppm)	1.06000 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)	2.06000 ppm
Molybdenum(Mo)	0-5 (ppm)	0.00000 ppm
Calcium(Ca)	0-10 (ppm)	2.00000 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
UV Absorbance 280nm	0-0.03	0.01100
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)	2.00000 ppm
Purity	99-100 (%)	99.19000 %

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Parameter	Limit Values	Result
Appearance (T118838)	White or light yellow powder	White or light yellow powder
DNases	none detected	none detected
Insoluble matter	pass	Pass
phosphatases	none detected	none detected
proteases	none detected	none detected
RNases	none detected	none detected
Solubility in H ₂ O , complete colorless (1m in water , 20 °C)	pass	Pass
λ,1 M in H ₂ O	Pass	Pass

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