

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-10 12:04:41

Date of Next Testing: 2028-03-30 12:04:41

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

CAS Number: 56-34-8

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

Lot #: D2607589

SKU #: **T118838**

Version: **0**

Analysis #: **680089**

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)   | 3.00000 ppm   |
| (Br)Bromide         | 0-500 (ppm)  | 300.00000 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)   | 50.00000 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   |
| UV Absorbance 280nm | 0-0.03       | 0.01600       |
| 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)   | 9.00000 ppm   |
| UV Absorbance 260nm | 0-0.03       | 0.02800       |
| Purity              | 99-100 (%)   | 99.02000 %    |

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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 <sub>2</sub> O , complete colorless (1m in water , 20 °C) | pass                         | Pass                         |
| λ,1 M in H <sub>2</sub> O                                                 | Pass                         | Pass                         |

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