

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-03 18:22:42

Date of Next Testing: 2026-07-02 18:22:42

Product Name: **Trihexyl(tetradecyl)phosphonium Chloride**

CAS Number: 258864-54-9

Specifications & Purity:  $\geq 95\%$

Lot #: F23271189

SKU #: **T359325**

Version: **3**

Analysis #: **241885**

Storage Temperature: Room temperature, Argon charged

| Parameter                    | Limit Values                           | Result                                 |
|------------------------------|----------------------------------------|----------------------------------------|
| Purity(Nonaqueous Titration) | 95-102.5 (%)                           | 95.50000 %                             |
| Appearance(T359325)          | Colorless to Light yellow clear liquid | Colorless to Light yellow clear liquid |
| NMR Spectrum 1H              | Conforms to Structure                  | Conforms to Structure                  |

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

John Su  
QA & QC Manager