

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-04 13:30:44

Date of Next Testing: 2027-07-04 13:30:44

Product Name: (2-Carboxyethyl)triphenylphosphonium bromide

CAS Number: 51114-94-4

Specifications & Purity: 98%

Lot #: I1829050

SKU #: C193663

Version: 0

Analysis #: 375705

Storage Temperature: Room temperature

| Parameter            | Limit Values                       | Result                             |
|----------------------|------------------------------------|------------------------------------|
| Purity(HPLC)         | 98-100 (%)                         | 99.81000 %                         |
| Melting point        | 195-199 (°C)                       | 196.54000 °C                       |
| Appearance (C193663) | White to off-white to yellow solid | White to off-white to yellow solid |
| Proton NMR spectrum  | Conforms to Structure              | Conforms to Structure              |

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

John Su  
QA & QC Manager