

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-11 15:03:28

Date of Next Testing: 2027-06-11 15:03:28

Product Name: **Tributyl(1,3-dioxolan-2-ylmethyl)phosphonium Bromide**

CAS Number: 115754-62-6

Specifications & Purity:  $\geq 98\%$ (T)

Lot #: K2113103

SKU #: **T162761**

Version: **0**

Analysis #: **522502**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                | Limit Values                               | Result                                     |
|----------------------------------------------------------|--------------------------------------------|--------------------------------------------|
| Purity(Titration by AgNO <sub>3</sub> )(anhydrous basis) | 97.5-102.5 (%)                             | 102.40 %                                   |
| Appearance (T162761)                                     | White to beige powder or solid or crystals | White to beige powder or solid or crystals |
| Proton NMR spectrum                                      | Conforms to Structure                      | Conforms to Structure                      |

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

John Su  
QA & QC Manager