

## Certificate of Analysis

Date of Testing: 2023-03-07 10:55:49

Date of Next Testing: 2025-03-06 10:55:49

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

CAS Number: 115754-62-6

Specifications & Purity: >98.0%(T)

Lot #: H1909188

SKU #: **T162761**

**Analysis:** **194731**

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 (%)                             | 98.21 %                                    |
| 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                      |



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