

## Certificate of Analysis

Date of Testing: 2024-12-16 16:59:39  
 Date of Next Testing: 2026-12-16 16:59:39  
 Product Name: (tert-Butoxycarbonylmethyl)triphenylphosphonium bromide  
 CAS Number: 59159-39-6  
 Specifications & Purity: ≥98%(HPLC)  
 Lot #: B2310783  
 SKU #: T139046  
 Version: 0  
 Analysis #: 434595

| Parameter              | Limit Values                       | Result                             |
|------------------------|------------------------------------|------------------------------------|
| Purity(HPLC)           | 98-100 (%)                         | 98.04700 %                         |
| Appearance (T139046)   | White to yellow powder or crystals | White to yellow powder or crystals |
| Phosphorus NMR Spectra | Conforms to Structure              | Conforms to Structure              |
| Proton NMR spectrum    | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager