

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

## Certificate of Analysis

Date of Testing: 2026-06-04 09:45:25

Date of Next Testing: 2028-06-04 09:45:25

Product Name: **Tetrabutylphosphonium bromide**

CAS Number: 3115-68-2

Specifications & Purity: 98%

Lot #: D2518529

SKU #: **S45779**

Version: **0**

Analysis #: **501734**

Storage Temperature: Room temperature, Argon charged

| Parameter                               | Limit Values                          | Result                                |
|-----------------------------------------|---------------------------------------|---------------------------------------|
| Purity(Titration by AgNO <sub>3</sub> ) | 97.5-102.5 (%)                        | 101.49 %                              |
| Melting point                           | 99-106 (°C)                           | 104.81000 °C                          |
| Infrared spectrum                       | Conforms to Structure                 | Conforms to Structure                 |
| Solubility in H <sub>2</sub> O          | Almost transparency                   | almost transparency                   |
| Appearance(S45779)                      | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

