

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-26 18:43:03

Date of Next Testing: 2028-05-25 18:43:03

Product Name: **Tributyl dodecyl phosphonium Bromide**

CAS Number: 15294-63-0

Specifications & Purity:  $\geq 98\%$

Lot #: E2619190

SKU #: **T138282**

Version: **0**

Analysis #: **714123**

Storage Temperature: Room temperature, Argon charged

| Parameter                        | Limit Values                    | Result                          |
|----------------------------------|---------------------------------|---------------------------------|
| Purity (Nonaqueous Titration)    | 97.5-102.5 (%)                  | 99.95000 %                      |
| Purity (Argentometric Titration) | 97.5-102.5 (%)                  | 97.50000 %                      |
| Appearance (T138282)             | white or pale yellow waxy solid | white or pale yellow waxy solid |
| Proton NMR spectrum              | Conforms to Structure           | Conforms to Structure           |



John Su  
QA & QC Manager