

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-14 09:11:15

Date of Next Testing: 2024-11-03 09:11:15

Product Name: **4,4'-Dibromotriphenylamine**

CAS Number: 81090-53-1

Specifications & Purity:  $\geq 98\%$

Lot #: C1920004

SKU #: **D121330**

Version: **1**

Analysis #: **154462**

Storage Temperature: Room temperature, Argon charged

| Parameter                       | Limit Values                             | Result                                   |
|---------------------------------|------------------------------------------|------------------------------------------|
| Purity (Argentmetric Titration) | 97.5-102.5 (%)                           | 98.21600 %                               |
| Purity(HPLC)                    | 98-100 (%)                               | 98.30000 %                               |
| Appearance (D121330)            | White to yellow to brown solid or liquid | White to yellow to brown solid or liquid |
| Infrared spectrum               | Conforms to Structure                    | Conforms to Structure                    |
| Proton NMR spectrum             | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager