

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-20 13:50:36

Date of Next Testing: 2027-06-20 13:50:36

Product Name: **TPPB**

CAS Number: 497259-23-1

Specifications & Purity:  $\geq 99\%$

Lot #: H2111362

SKU #: **T303812**

Version: **1**

Analysis #: **372960**

Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Purity(HPLC)        | 99-100 (%)            | 99.08000 %            |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| FNMR spectrum       | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager