

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                     |
|--------------------------|---------------------|
| Date of Testing:         | 2023-05-23 14:30:50 |
| Date of Next Testing:    | 2026-05-22 14:30:50 |
| Product Name:            | <b>TL 13-12</b>     |
| CAS Number:              | 2229037-04-9        |
| Specifications & Purity: | ≥98%(HPLC)          |
| Lot #:                   | E2315937            |
| SKU #                    | <b>T288413</b>      |
| Version                  | <b>1</b>            |
| Analysis #:              | <b>205088</b>       |
| Storage Temperature:     | Store at -20°C      |

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(HPLC area)        | 98-100 (%)            | 98.67400 %            |
| LC-MS for identification | Conforms              | Conforms              |
| NMR Spectrum 1H          | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager