

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-05 13:14:05

Date of Next Testing: 2030-06-04 13:14:05

Product Name: **L-Theanine**

CAS Number: 3081-61-6

Specifications & Purity: Moligand™, ≥98%

Lot #: F2604744

SKU #: **T106216**

Version: **1**

Analysis #: **711120**

Storage Temperature: Store at 2-8°C

| Parameter                                                       | Limit Values                       | Result                             |
|-----------------------------------------------------------------|------------------------------------|------------------------------------|
| Loss on drying                                                  | 0-0.5 (%)                          | 0.10200 %                          |
| Specific Rotation [α] <sub>20</sub> /D(c=5 in H <sub>2</sub> O) | 7.6-8.4 (°)                        | 7.69900 °                          |
| Purity(HPLC)                                                    | 98-100 (%)                         | 100.00000 %                        |
| Purity(Nonaqueous Titration)                                    | 97.5-102.5 (%)                     | 100.52800 %                        |
| Appearance (T106216)                                            | White to Off-White powder or Solid | White to Off-White Powder or Solid |
| Solubility, Colorless and clear(5% in H <sub>2</sub> O)         | pass                               | Pass                               |
| Proton NMR spectrum                                             | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager