

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-23 16:17:33

Date of Next Testing: 2027-08-22 16:17:33

Product Name: **L-Theanine**

CAS Number: 3081-61-6

Specifications & Purity: Moligand™, ≥98%

Lot #: K1905024

SKU #: **T106216**

Version: **1**

Analysis #: **259911**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-0.5 (%)	0.26000 %
Purity(HPLC)	98-100 (%)	98.07100 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.63300 %
Specific Rotation [α] _{20/D} (c=5 in H ₂ O)	7.6-8.4 (°)	7.62900 °
Appearance (T106216)	White powder	White powder
Solubility, Colorless and clear(5% in H ₂ O)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager