

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-19 15:35:59

Date of Next Testing: 2028-12-18 15:35:59

Product Name: **L-Theanine**

CAS Number: 3081-61-6

Specifications & Purity: Moligand™, ≥98%

Lot #: A2129041

SKU #: **T106216**Version: **1**Analysis #: **452335**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-0.5 (%)	0.20000 %
Specific Rotation [α] ₂₀ /D(c=5 in H ₂ O)	7.6-8.4 (°)	7.60000 °
Purity(HPLC)	98-100 (%)	99.02000 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.80000 %
Appearance (T106216)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear (5% in H ₂ O)	pass	Pass

John Su
QA & QC Manager