

## Certificate of Analysis

Date of Testing: 2023-02-15 22:57:51  
Date of Next Testing: 2027-02-14 22:57:51  
Product Name: **L-Theanine**  
CAS Number: 3081-61-6  
Specifications & Purity: 99%  
Lot #: B2309508  
SKU #: **T106217**  
Analysis: **174106**

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.99700%
Loss on drying	0-0.5 (%)	0.25 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	7-8 (°)	7.90°
Appearance (T106217)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager