

## Certificate of Analysis

Date of Testing: 2024-06-18 12:01:32  
Date of Next Testing: 2026-06-18 12:01:32  
Product Name: **Lamotrigine**  
CAS Number: 84057-84-1  
Specifications & Purity:  $\geq 98\%$   
Lot #: H2217428  
SKU #: **L129555**  
Version: **0**  
Analysis #: **370876**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	216-220 (°C)	219.90000 °C
Purity(HPLC)	98-100 (%)	99.00000 %
Carbon by Elemental Analysis	41-43.1 (%)	41.90 %
Nitrogen by Elemental Analysis	26.7-27.9 (%)	27.50 %
Appearance (L129555)	White powder	White powder
Solubility in DMSO , Colorless to Faint Yellow Clear(C=20mg/ml)	Conforms	Conforms



John Su  
QA & QC Manager