

Certificate of Analysis

Date of Testing: 2024-05-14 14:38:40
Date of Next Testing: 2026-05-14 14:38:40
Product Name: **Lamotrigine**
CAS Number: 84057-84-1
Specifications & Purity: $\geq 98\%$
Lot #: E2410006
SKU #: **L129555**
Analysis: **121813**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.93800 %
Carbon by Elemental Analysis	41-43.1 (%)	41.97 %
Nitrogen by Elemental Analysis	26.7-27.9 (%)	27.53 %
Melting point	216-220 (°C)	219.98000 °C
Appearance (L129555)	White powder	White powder
Solubility in DMSO , Colorless to Faint Yellow Clear(C=20mg/ml)	Conforms	Conforms



John Su
QA & QC Manager