

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-09-12 08:23:05  
Date of Next Testing: 2028-09-11 08:23:05  
Product Name: **Lamotrigine**  
CAS Number: 84057-84-1  
Grades & Purity: Moligand™, ≥98%  
Lot #: I2608876  
SKU #: **L129555**  
Version: **0**  
Analysis #: **761977**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                       | Limit Values  | Result       |
|-----------------------------------------------------------------|---------------|--------------|
| Purity(HPLC)                                                    | 98-100 (%)    | 99.00000 %   |
| Carbon by Elemental Analysis                                    | 41-43.1 (%)   | 41.82000 %   |
| Nitrogen by Elemental Analysis                                  | 26.7-27.9 (%) | 27.15000 %   |
| Melting point                                                   | 216-220 (°C)  | 218.25000 °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