

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-01 11:26:59

Date of Next Testing: 2028-03-31 11:26:59

Product Name: **Carbamazepine**

CAS Number: 298-46-4

Specifications & Purity:  $\geq 98.0\%$ 

Lot #: C2429452

SKU #: **D129539****Analysis: 329573**Storage Temperature: Store at  $-20^{\circ}\text{C}$ 

| Parameter            | Limit Values                   | Result                       |
|----------------------|--------------------------------|------------------------------|
| Purity(HPLC)         | 98-100 (%)                     | 99.00000 %                   |
| Melting point        | 188-193 ( $^{\circ}\text{C}$ ) | 193.00000 $^{\circ}\text{C}$ |
| Appearance (D129539) | White to Off-White Powder      | White to Off-White Powder    |
| Proton NMR spectrum  | Conforms to Structure          | Conforms to Structure        |

John Su  
QA & QC Manager