

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-14 19:05:29  
Date of Next Testing: 2026-11-13 19:05:29  
Product Name: **Carbamazepine**  
CAS Number: 298-46-4  
Specifications & Purity:  $\geq 98.0\%$   
Lot #: K2212434  
SKU #: **D129539**  
**Analysis:** **151195**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter            | Limit Values                   | Result                       |
|----------------------|--------------------------------|------------------------------|
| Purity(HPLC)         | 98-100 (%)                     | 99.87300 %                   |
| Melting point        | 188-193 ( $^{\circ}\text{C}$ ) | 192.82000 $^{\circ}\text{C}$ |
| 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