

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-04 18:52:22  
 Date of Next Testing: 2028-06-03 18:52:22  
 Product Name: **Shikimic acid**  
 CAS Number: 138-59-0  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: E2431556  
 SKU #: **S107142**  
 Version: **0**  
 Analysis #: **359083**  
 Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                                                                         | Limit Values                                  | Result                                        |
|-----------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(HPLC)                                                                      | 98-100 (%)                                    | 99.83100 %                                    |
| Specific Rotation $[\alpha]_{20/D(c=4 \text{ in H}_2\text{O})}$                   | -185--181 (°)                                 | -181.02000 °                                  |
| Appearance (S107142)                                                              | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Proton NMR spectrum                                                               | Conforms to Structure                         | Conforms to Structure                         |
| Solubility in H <sub>2</sub> O , colorless to faint yellow clear to hazy, 50mg/ml | pass                                          | Pass                                          |



John Su  
QA & QC Manager