

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-04 18:00:37
Date of Next Testing: 2028-06-03 18:00:37
Product Name: **Shikimic acid**
CAS Number: 138-59-0
Specifications & Purity: $\geq 98\%$
Lot #: E2431553
SKU #: **S107142**
Version: **0**
Analysis #: **359083**
Storage 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 ($^{\circ}$)	-181.02 $^{\circ}$
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 ₂ O, colorless to faint yellow clear to hazy, 50mg/ml	pass	Pass



John Su
QA & QC Manager