

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-21 11:48:41
 Date of Next Testing: 2026-01-20 11:48:41
 Product Name: **Shikimic acid**
 CAS Number: 138-59-0
 Specifications & Purity: $\geq 98\%$
 Lot #: A2219181
 SKU #: **S107142**
 Version: **0**
 Analysis #: **030317**
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.09900 %
Specific Rotation $[\alpha]_{20/D(c=4 \text{ in H}_2\text{O})}$	-185--181 (°)	-181.01000 °
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