

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-10 11:56:21  
 Date of Next Testing: 2026-06-09 11:56:21  
 Product Name: **D(-)-Salicin**  
 CAS Number: 138-52-3  
 Specifications & Purity: 99%  
 Lot #: F2207093  
 SKU #: **S104922**  
**Analysis:** **082466**  
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.16 %
Purity(HPLC)	98-100 (%)	99.76600 %
Melting point	199-202 (°C)	201.99000 °C
Specific Rotation [α] <sub>20</sub> /D(c=3 in H <sub>2</sub> O)	-64--60 (°)	-63.99°
Appearance (S104922)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , clear colorless to faint yellow solution at 50mg/m	pass	Pass



John Su  
QA & QC Manager