

Certificate of Analysis

Date of Testing: 2021-04-26 09:38:09
 Date of Next Testing: 2025-04-25 09:38:09
 Product Name: **D(-)-Salicin**
 CAS Number: 138-52-3
 Specifications & Purity: 99%
 Lot #: D2121265
 SKU #: **S104922**
Analysis: **003473**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.38 %
Melting point	199-202 (°C)	200.44000 °C
Purity(HPLC)	98-100 (%)	99.09000 %
Specific Rotation [α] ₂₀ /D(c=3 in H ₂ O)	-64--60 (°)	-62.63°
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 ₂ O , clear colorless to faint yellow solution at 50mg/m	pass	Pass



John Su
QA & QC Manager