

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-20 10:04:26

Date of Next Testing: 2028-07-19 10:04:26

Product Name: **Salicylic acid**

CAS Number: 69-72-7

Specifications & Purity: AR, ≥99.5%

Lot #: G2412070

SKU #: **S104158**

Version: **0**

Analysis #: **343756**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Chloride Content	0-0.001 (%)	0.00036 %
Ignition Residue	0-0.01 (%)	0.00000 %
Melting point	158-161 (°C)	160.80000 °C
Sulfate(SO42-)	0-0.003 (%)	0.00105 %
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-2 (ppm)	0.00000 ppm
Purity(HPLC)	99-100 (%)	99.85000 %
Purity(Titration by NaOH)(calc. to the dried substance)	99.5-100.5 (%)	99.56000 %
Appearance (S104158)	White Solid	White Solid
Solubility in EtOH(95vol%)	almost transparency	almost transparency
Substances Darkened (by H2SO4)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager