

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-26 17:08:36

Date of Next Testing: 2026-07-25 17:08:36

Product Name: **Salicylic acid**

CAS Number: 69-72-7

Specifications & Purity: AR, ≥99.5%

Lot #: G2223092

SKU #: **S104158**

Version: **0**

Analysis #: **053820**

Storage Temperature: Protected from light, Room temperature

| Parameter                                               | Limit Values          | Result                |
|---------------------------------------------------------|-----------------------|-----------------------|
| Chloride Content                                        | 0-0.001 (%)           | 0.00099 %             |
| Ignition Residue                                        | 0-0.01 (%)            | 0.00000 %             |
| Purity(HPLC)                                            | 99-100 (%)            | 99.86500 %            |
| Melting point                                           | 158-161 (°C)          | 160.91000 °C          |
| Sulfate(SO42-)                                          | 0-0.003 (%)           | 0.00150 %             |
| Heavy metal (as Pb)                                     | 0-5 (ppm)             | 0.00000 ppm           |
| Purity(Titration by NaOH)(calc. to the dried substance) | 99.5-100.5 (%)        | 100.10000 %           |
| Iron(Fe)                                                | 0-2 (ppm)             | 1.90000 ppm           |
| Appearance (S104158)                                    | White Solid           | White Solid           |
| Infrared spectrum                                       | Conforms to Structure | Conforms to Structure |
| Solubility in EtOH(95vol%)                              | almost transparency   | almost transparency   |
| Substances Darkened (by H2SO4)                          | Pass                  | Pass                  |



John Su  
QA & QC Manager