

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-02 19:22:42

Date of Next Testing: 2026-12-01 19:22:42

Product Name: **Rosolic acid**

CAS Number: 603-45-2

Specifications & Purity: Reagent Grade

Lot #: K22301262

SKU #: **R110706**

Version: **1**

Analysis #: **149441**

Storage Temperature: Room temperature

| Parameter                                                             | Limit Values          | Result                |
|-----------------------------------------------------------------------|-----------------------|-----------------------|
| Ignition Residue (as sulfate)                                         | 0-0.2 (%)             | 0.13600 %             |
| Extinction Coefficient( $\lambda$ :264 - 270 nm, Acidified EtOH)      | $\geq 11000$          | 11928.24653           |
| Extinction Coefficient( $\lambda$ :478 - 486 nm, Acidified EtOH)      | $\geq 50000$          | 57457.18750           |
| Appearance (R110706)                                                  | Red to maroon powder  | Red to maroon powder  |
| Sensitiveness test                                                    | pass                  | Pass                  |
| Solubility in EtOH, clear, 50mg/ml                                    | pass                  | Pass                  |
| PH Transition interval, pH 6.6 (Yellow-Orange) - pH 8.0 (Pink to Red) | Conforms              | Conforms              |
| Infrared spectrum                                                     | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager