

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-30 10:37:41

Date of Next Testing: 2027-01-29 10:37:41

Product Name: **Rosolic acid**

CAS Number: 603-45-2

Specifications & Purity: Reagent grade

Lot #: A2316028

SKU #: **R110706**

Version: **1**

Analysis #: **180863**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.2 (%)	0.13600 %
Extinction Coefficient(λ :264 - 270 nm, Acidified EtOH)	≥ 11000	11928.24653
Extinction Coefficient(λ :478 - 486 nm, Acidified EtOH)	≥ 50000	57457.18750
Appearance (R110706)	Red to maroon powder	Red to maroon powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
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



John Su
QA & QC Manager