

TIQ-F-QC-001 Rev.00

Certificate Of Analysis

Product Name : p-Rosolic Acid (Aurin) Indicator Grade

Catalog Number : T-8028

Batch Number : 8028-00000000

CAS Number : 603-45-2

Molecular Weight : 290.32 g/mol

MoL. Formula : C₁₉H₁₄O₃

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	Red to maroon powder	complies
2	Solubility (5% in Ethanol)	Clear and complete solution	complies
3	Indentification (by UV/VIS)	passes test	complies
4	Absorption max.(C=3.0 mg/Lit in Ethanol + 2 ml 1 N HCl)	478 - 486 nm	486 nm
5	Extinction coefficient	> 50000	58381
6	Absorption max.(C=3.0 mg/Lit in Ethanol + 2 ml 1 N HCl)	264 - 270 nm	267 nm
7	Extinction coefficient	> 11000	12000
8	pH Transition Range	Yellow - orange - Pink to Red (6.6 - 8.0)	complies
9	Loss on drying at 135 °C	max 5.0 %	3.374%
10	Residue on ignition (as SO ₄)	max 0.5 %	0.112%

Corresponds to Indicator Grade for Dye Industry

LABOTIQ In-house product specification for p-Rosolic Acid Indicator Grade



SUDIRO S.Si.
Manager QC