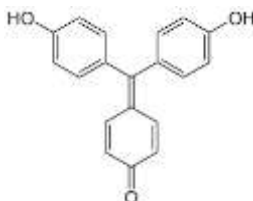


TIQ-F-QC-003
Rev.00**Technical Data Sheet****P-ROSOLIC ACID (AURIN)**

4-[Bis(4-hydroxyphenyl)methylene]-2,5-cyclohexadienone, Aurin



Product Code	T-8028	Grade	Indicator
Purity	-	CAS No	603-45-2
Molecular Formula	C ₁₉ H ₁₄ O ₃	Molecular Weight	290,32 g/mol
H.S.Code	3212.9020	Shelf Life	60 Months

Physical Properties

Physical state	Powder	Colour	Dark red
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Packaging

250 g

Specification

Appearance	Red to maroon powder
Solubility (5% in Ethanol)	Clear and complete solution
Identification (by UV/VIS)	passes test
Absorption max.(C=3.0 mg/Lit in Ethanol + 2 ml 1 N HCl)	478 - 486 nm
Extinction coefficient	> 50000
Absorption max.(C=3.0 mg/Lit in Ethanol + 2 ml 1 N HCl)	264 - 270 nm
Extinction coefficient	> 11000
pH Transition Range	Yellow - orange - Pink to Red (6.6 - 8.0)
Loss on drying at 135 °C	max 5.0 %
Residue on ignition (as SO ₄)	max 0.5 %

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: warning

UN No.: not available

IMCO Class No.: not available

Packing Group: not available

Hazardous Statement: H315-H319-H335

Precaution Statement: not available: P261-P305+P351-P338