

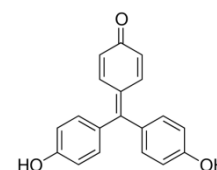


Product Specification

cdhfinechemical.com

ROSOLIC ACID

PRODUCT CODE	318335
SYNONYMS	4-[Bis(4-hydroxyphenyl) methylene]-2,5-Cyclohexadienone, Para Rosolic Acid, Aurine)
C.I. NO.	43800
CASR NO.	(603-45-2)
ATOMIC OR MOLECULAR FORMULA	C ₁₉ H ₁₄ O ₃
ATOMIC OR MOLECULAR WEIGHT	290.32
PROPERTIES	Insoluble in water, benzene, and ether; soluble in alcohol.
PARAMETER	LIMIT
Description	Red to maroon powder
Solubility	5% soln. in 95% ethanol (or 100% ethanol) is clear and complete.
Minimum Dye content	85.0%
Identification (UV - Vis)	Passes test.
Absorption maximum [(c=3.0 mg / l)Ethanol + 2 ml 1N HCl]	482 ± 3 nm
Absorptivity (E1% 1 cm max.in [(c=3.0 mg/l) Ethanol + 2 ml 1 N HCl]	Min. 2200
pH transition.	pH 5.0 - 6.8 Yellow - Pink
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter in C ₂ H ₅ OH	Passes test.
Loss on drying (at 135°C)	5.0%
Residue on ignition (as SO ₄)	0.5%
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ---	IMDG Code : UN No. : IATA : :
Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.	
Hazard Pictogram(s) :-----	



Replace date 27-May-2023