



## Specifications

### Rosolic Acid

**Catalog Number:** RA1003  
**C.I. Number:** 43800  
**CAS Number:** 603-45-2  
**Synonyms:** Acid Orange 6  
**Molecular Formula:**  $C_{19}H_{14}O_3$   
**Molecular Weight:** 290.32  
**Storage:** 15°C – 30°C

Test	Specification
Appearance:	Red to reddish-brown powder
Lambda max: (In Ethanol + 2ml 1N Hydrochloric Acid)	482 nm
Visual Transition Interval:	From pH 6.6 (yellow) To pH 8.0 (pink)
Loss on drying: (110 Deg. C/1 hour)	<3.0%
Solubility:	Soluble in ethanol (golden yellow), moderately soluble in glacial acetic acid and slightly soluble in water, ether and chloroform.
Solubility (in ethanol 96%):	Clear orange solution

Approved by:

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