



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

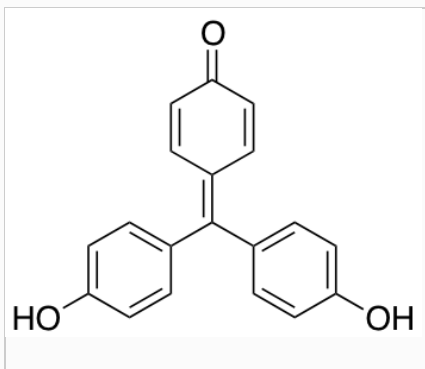
Catalogue Number: B434150

CAS Number: 603-45-2

Product: 4-(Bis(4-Hydroxyphenyl)methylene)cyclohexa-2,5-dienone

Synonym: Aurin; 4,4'-Dihydroxyfuchsonone; Rosalic Acid; Pararosolic Acid; Spirit Aurine; Corallin; Aurin 555; C.I. 43800; 4,4'-Dihydroxyfuchsonone; Corallin Spirit Soluble;

Structure:



Molecular Formula:

C₁₉H₁₄O₃

Molecular weight:

290.31

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 711865722-1-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Red to Very Dark Red Solid	Very Dark Red Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 75.52, %H: 5.11
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	205 nm, 265 nm, 464 nm

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjeeet Kaur	Neha Khanna	Christina Gouliaras	9/13/2023	9/11/2027