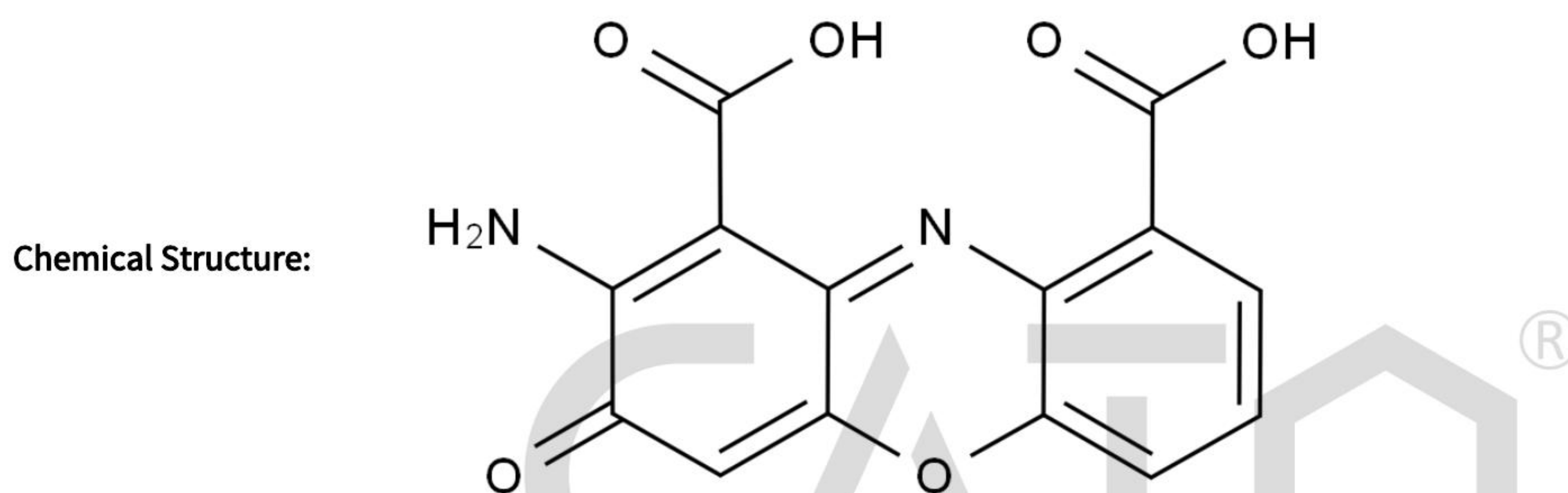


Certificate of Analysis

Reference Material & Standard

Product Name:	Cinnabarinic Acid	Catalogue Number:	CCHM704226
Synonyms:	N/A	Lot Number:	0712-RF-0024
CAS Number:	606-59-7	Expiry Date:	Apr 23, 2031
Molecular Formula:	C ₁₄ H ₈ N ₂ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	300.22		



Test Items	Method	Results
Appearance	Visual inspection	Very Dark Red Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.6%
Uncertainty		±2.0%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jul 18, 2024

Date: Jul 18, 2024

Date: Jul 18, 2024

