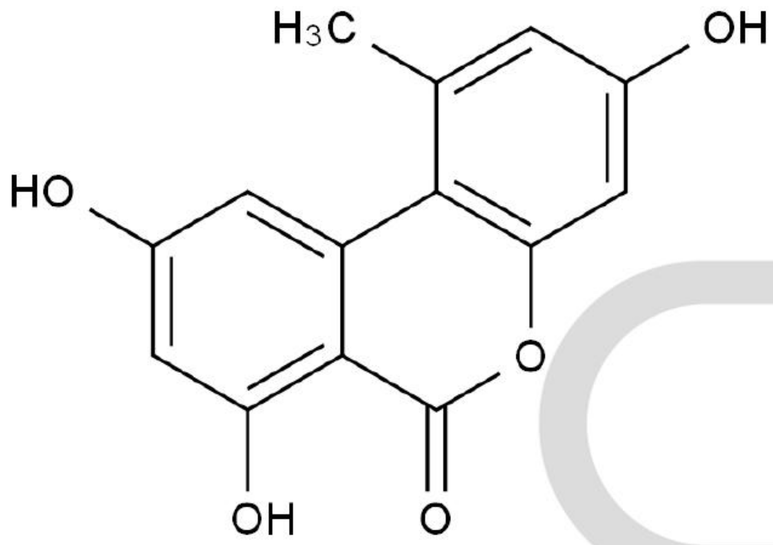
Certificate of Analysis

Reference Material & Standard

Product Name:	Alternariol	**Catalogue Number:**	CCHM701059
Synonyms:	N/A	**Lot Number:**	0718-RE-0020
CAS Number:	641-38-3	**Expiry Date:**	Nov 12, 2024
Molecular Formula:	C14H10O5	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	258.23	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Beige Solid
Identification	LCMS&HNMR	Confirmed
Purity	UPLC	99.9%
Uncertainty		±2.0%

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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 Date: Jul 19, 2023

Reviewed by: Hinlam Date: Jul 20, 2023

Aporoved by General Manager: David Date: Jul 20, 2023

CATO Research Chemicals Inc.