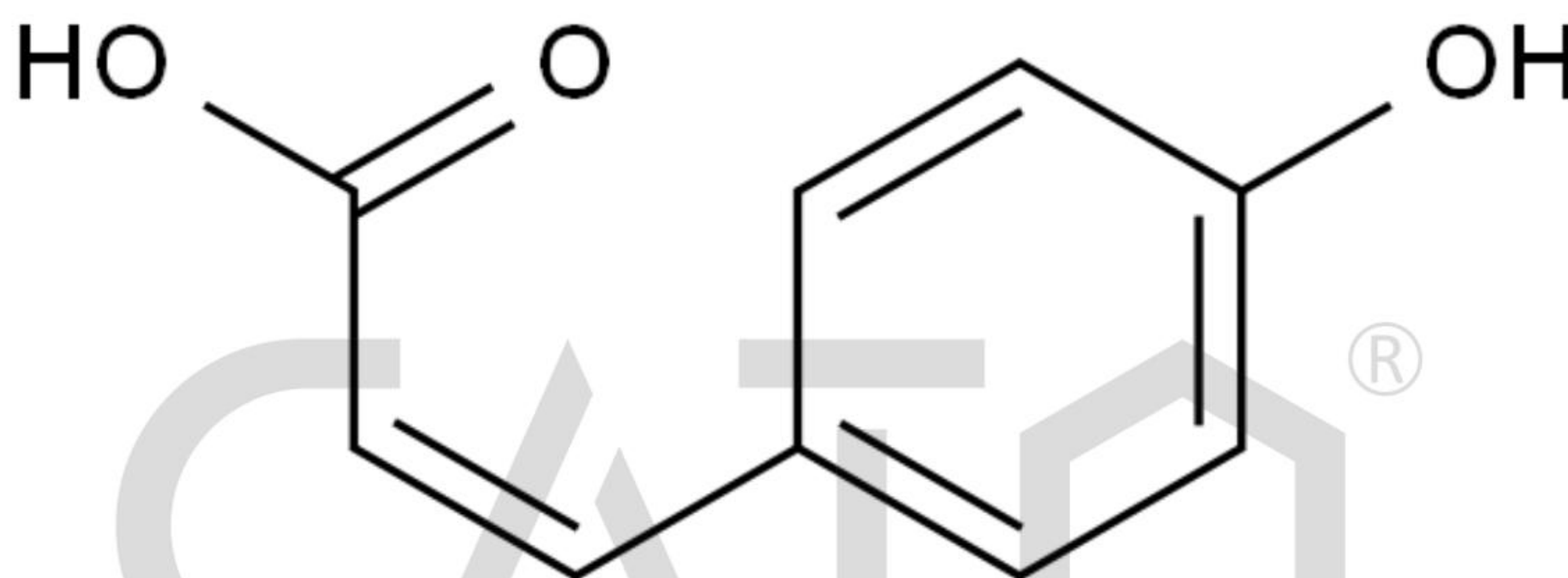


Certificate of Analysis

Reference Material & Standard

Product Name:	cis-4-Hydroxycinnamic Acid	Catalogue Number:	CCHM701867
Synonyms:	N/A	Lot Number:	0301-RF-0044
CAS Number:	4501-31-9	Expiry Date:	Jul 06, 2026
Molecular Formula:	C ₉ H ₈ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	164.16		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
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:

Hin Lam

Aproved by General Manager:

David

Date: Mar 12, 2024

Date: Mar 12, 2024

Date: Mar 12, 2024

