

Certificate of Analysis

Reference Material & Standard

Product Name:	Trans-Cinnamaldehyde	Catalogue Number:	CCFD200433
Synonyms:	N/A	Lot Number:	0428-RE-0004
CAS Number:	14371-10-9	Expiry Date:	Apr 25, 2027
Molecular Formula:	C ₉ H ₈ O	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	132.16	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	92.0%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. 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:

Xenia

Aproved by General Manager:

David

Date: Apr 26, 2023

Date: Apr 28, 2023

Date: Apr 28, 2023

