

Certificate of Analysis

Date of Testing: 2025-02-08 11:09:45

Date of Next Testing: 2029-02-07 11:09:45

Product Name: **trans-Cinnamic acid**

CAS Number: 140-10-3

Specifications & Purity: AR, ≥99%

Lot #: B2506056

SKU #: **C108496**

Version: **1**

Analysis #: **471304**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	99.10 %
Melting point	132-136 (°C)	135.40000 °C
Purity(GC)	99-100 (%)	99.90 %
Ignition Residue (as sulfate)	0-0.05 (%)	0.01 %
Appearance (C108496)	White to Off-White to Yellow Powder or Crystals	White to Off-White to Yellow Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , very faint turbidity	pass	Pass
Easily carbonized	Pass	Pass



John Su
QA & QC Manager