

Certificate of Analysis

Date of Testing: 2024-07-25 09:57:21

Date of Next Testing: 2028-07-24 09:57:21

Product Name: **trans-Cinnamic acid**

CAS Number: 140-10-3

Specifications & Purity: Analytical Reagent, 99%

Lot #: G2415494

SKU #: **C108496**

Version: **1**

Analysis #: **352828**

Parameter	Limit Values	Result
Melting point	132-136 (°C)	135.90000 °C
Purity (Titration by NaOH)	98.5-101.5 (%)	99.30 %
Purity(GC)	99-100 (%)	99.10 %
Ignition Residue (as sulfate)	0-0.05 (%)	0.04 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (C108496)	White to Off-White to Yellow Powder or Crystals	White to Off-White to Yellow Powder or Crystals
Solubility in EtOH , very faint turbidity	pass	Pass
Easily carbonized	Pass	Pass



John Su
QA & QC Manager