

Certificate of Analysis

Date of Testing: 2024-03-16 17:06:31

Date of Next Testing: 2028-03-15 17:06:31

Product Name: **trans-Cinnamic acid**

CAS Number: 140-10-3

Specifications & Purity: Analytical Reagent,99%

Lot #: C2414042

SKU #: **C108496**

Analysis: **141996**

Parameter	Limit Values	Result
Melting point	132-136 (°C)	135.43000 °C
Ignition Residue (as sulfate)	0-0.05 (%)	0.00 %
Purity(GC)	99-100 (%)	99.01 %
Purity (Titration by NaOH)	98.5-101.5 (%)	100.48 %
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
Infrared spectrum	Conforms to Structure	Conforms to Structure
Easily carbonized	Pass	Pass



John Su
QA & QC Manager