

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-01 15:38:49

Date of Next Testing: 2029-08-31 15:38:49

Product Name: **trans-Cinnamic acid**

CAS Number: 140-10-3

Specifications & Purity: AR, ≥99%

Lot #: I2501419

SKU #: **C108496**Version: **1**Analysis #: **558821**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	100.01 %
Purity(GC)	99-100 (%)	99.56 %
Melting point	132-136 (°C)	135.95000 °C
Ignition Residue (as sulfate)	0-0.05 (%)	0.05 %
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
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager