

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-31 12:39:50
Date of Next Testing: 2027-03-30 12:39:50
Product Name: **trans-Ferulic Acid**
CAS Number: 537-98-4
Specifications & Purity: $\geq 99\%$
Lot #: C2324768
SKU #: **F111083**
Version: **0**
Analysis #: **160111**
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.53800 %
Purity(Neutralization titration)	98.5-101.5 (%)	99.90 %
Melting point	171-175 (°C)	174.79000 °C
Loss on drying	0-0.5 (%)	0.48 %
Appearance (F111083)	White to Yellow to Tan Powder, Crystals or Chunks	White to Yellow to Tan Powder, Crystals or Chunks
Solubility in MeOH	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager