

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-16 16:35:25
 Date of Next Testing: 2027-05-15 16:35:25
 Product Name: **4-Methoxycinnamic acid, predominantly trans**
 CAS Number: 830-09-1
 Specifications & Purity: $\geq 99\%$
 Lot #: E2310552
 SKU #: **M100603**
 Version: **1**
 Analysis #: **172881**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-0.5 (%)	0.32000 %
Melting point	170-175 (°C)	173.79000 °C
Purity(HPLC)	99-100 (%)	99.70100 %
Appearance (M100603)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
transition temperature from crystal to nematic	173.5 °C	173.5 °C
transition temperature from nematic to homogeneous phase	190 °C	190 °C
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager