

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-31 12:43:16  
 Date of Next Testing: 2027-03-30 12:43:16  
 Product Name: **trans-Ferulic Acid**  
 CAS Number: 537-98-4  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: C2324781  
 SKU #: **F111083**  
 Version: **1**  
 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 (%)                                    | 99.90000 %                                        |
| Melting point                    | 171-175 (°C)                                      | 174.79000 °C                                      |
| Loss on drying                   | 0-0.5 (%)                                         | 0.48255 %                                         |
| 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