

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-27 09:38:00
 Date of Next Testing: 2026-01-26 09:38:00
 Product Name: **cis,cis-Muconic acid**
 CAS Number: 1119-72-8
 Specifications & Purity: $\geq 97\%$ (HPLC)
 Lot #: A2411560
 SKU #: **I132987**
 Version: **2**
 Analysis #: **310900**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by 0.1M NaOH)	96.5-103.5 (%)	98.99000 %
Purity(HPLC)	97-100 (%)	98.17000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (I132987)	White to Yellow or Light Brown Crystals or Powder	White to Yellow or Light Brown Crystals or Powder
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager