

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-23 11:49:36
 Date of Next Testing: 2026-04-18 11:49:36
 Product Name: **cis-Aconitic acid**
 CAS Number: 585-84-2
 Specifications & Purity: analytical standard, ≥98%
 Lot #: D2511362
 SKU #: **A111231**
 Version: **0**
 Analysis #: **377174**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	118-122 (°C)	119.00000 °C
Solvent Content (by GC)	0-2 (%)	1.00000 %
Trans-Aconitic Acid(HPLC)	0-3 (%)	1.00000 %
Purity(HPLC)	97-100 (%)	98.00000 %
Purity (Titration by NaOH)	98-100 (%)	98.00000 %
Appearance (A111231)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to yellow,clear to slightly hazy100mg/ml	pass	Pass



John Su
QA & QC Manager