

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-14 17:41:01
 Date of Next Testing: 2023-11-09 17:41:01
 Product Name: **cis-Aconitic acid**
 CAS Number: 585-84-2
 Specifications & Purity: analytical standard , 98%
 Lot #: K2211022
 SKU #: **A111231**
Analysis: 145731
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	100.00000 %
Purity (Titration by NaOH)	98-100 (%)	100.00 %
Solvent Content (by GC)	0-2 (%)	0.00 %
Trans-Aconitic Acid(HPLC)	0-3 (%)	0.00 %
Melting point	118-122 (°C)	118.00000 °C
Appearance (A111231)	White to Off-White Powder	White to Off-White Powder
Solubility in H2O , Colorless to yellow,clear to slightly hazy100mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager