

Certificate of Analysis

Date of Testing: 2024-08-22 15:20:40
Date of Next Testing: 2025-08-17 15:20:40
Product Name: **cis-Aconitic acid**
CAS Number: 585-84-2
Specifications & Purity: analytical standard , 98%
Lot #: K2317467
SKU #: **A111231**
Version: **0**
Analysis #: **403046**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.99000 %
Melting point	118-122 (°C)	119.98000 °C
Purity (Titration by NaOH)	98-100 (%)	99.99 %
Solvent Content (by GC)	0-2 (%)	0.00 %
Trans-Aconitic Acid(HPLC)	0-3 (%)	0.00 %
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