

Certificate of Analysis

Date of Testing: 2024-08-31 10:08:08
Date of Next Testing: 2025-08-26 10:08:08
Product Name: **cis-Aconitic acid**
CAS Number: 585-84-2
Specifications & Purity: analytical standard, $\geq 98\%$
Lot #: H2426239
SKU #: **A111231**
Version: **0**
Analysis #: **379479**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	100.00000 %
Purity (Titration by NaOH)	98-100 (%)	98.00 %
Solvent Content (by GC)	0-2 (%)	1.00 %
Trans-Aconitic Acid(HPLC)	0-3 (%)	0.00 %
Melting point	118-122 ($^{\circ}\text{C}$)	120.30000 $^{\circ}\text{C}$
Appearance (A111231)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , Colorless to yellow,clear to slightly hazy100mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager