

Certificate of Analysis

Date of Testing: 2024-11-15 15:12:15
Date of Next Testing: 2025-11-10 15:12:15
Product Name: **cis-Aconitic acid**
CAS Number: 585-84-2
Specifications & Purity: $\geq 90\%$
Lot #: H2218053
SKU #: **A111230**
Version: **0**
Analysis #: **437362**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	90-100 (%)	95.78000 %
Melting point	112-124 ($^{\circ}\text{C}$)	118.29800 $^{\circ}\text{C}$
Trans-Aconitic Acid(HPLC)	0-10 (%)	3.01 %
Appearance (A111230)	White to cream to pale brown or pale orange Powder	White to cream to pale brown or pale orange Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager