

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

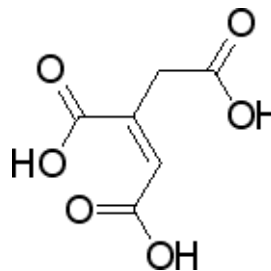
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
cis-Aconitic acid ≥98%

Product Number: A3412
Lot Number: 090M5314V
Brand: ALDRICH
CAS Number: 585-84-2
MDL Number: MFCD00063184
Formula: C₆H₆O₆
Formula Weight: 174.11 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 15 NOV 2010



Test	Specification	Result
Appearance (Color)	White to Off-White	Off-White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Very Faint Yellow	Very Faint Yellow
Solubility (Turbidity)	Clear to Slightly Hazy	Clear
100 mg/ml, purified water		
Solvent Content (by GC)	≤ 2%	1%
Purity (TLC)	≥ 98%	99%
Purity Titration NaOH	≥ 98%	99%

Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.