

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-23 12:54:01
Date of Next Testing: 2026-11-22 12:54:01
Product Name: (+)-N,N'-Diallyl-L-tartardiamide
CAS Number: 58477-85-3
Specifications & Purity: >98.0%
Lot #: K2218957
SKU #: N159087
Analysis: 142819

| Parameter | Limit Values | Result |
|--|---|---|
| Purity(HPLC) | 98-100 (%) | 98.70000 % |
| Specific rotation $[\alpha]_{20}^D(C=2.4, H_2O)$ | 104-112 (°) | 107.00000 ° |
| Carbon by Elemental Analysis | 50.5-53.7 (%) | 50.85 % |
| Nitrogen by Elemental Analysis | 11.8-12.5 (%) | 11.82 % |
| Appearance(N159087) | White to Almost white powder to crystal | White to Almost white powder to crystal |
| Proton NMR spectrum | Conforms to structure | Conforms to Structure |



John Su
QA & QC Manager