

Certificate of Analysis

Date of Testing: 2024-12-04 17:08:56

Date of Next Testing: 2028-12-03 17:08:56

Product Name: **(S)-Benzylsuccinic Acid**

CAS Number: 3972-36-9

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: D1707167

SKU # **B140187**

Version **0**

Analysis #: **443168**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in EtOH})}$	-23--19 (°)	-21.66 °
Melting point	158-168 (°C)	167.98000 °C
Purity(HPLC)	98-100 (%)	98.32800 %
Purity(Neutralization titration)	97.5-102.5 (%)	98.05 %
Appearance (B140187)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager