

Certificate of Analysis

Date of Testing: 2024-01-03 10:02:02

Date of Next Testing: 2028-01-02 10:02:02

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

CAS Number: 3972-36-9

Specifications & Purity: >98.0%(HPLC)

Lot #: D2001168

SKU # **B140187**

Analysis: 310214

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in EtOH})}$	-23--19 (°)	-21.05 °
Melting point	164-168 (°C)	165.80000 °C
Purity(HPLC)	98-100 (%)	98.11540 %
Purity(Neutralization titration)	97.5-102.5 (%)	97.99 %
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