

Certificate of Analysis

Date of Testing: 2025-06-20 14:03:47

Date of Next Testing: 2028-06-19 14:03:47

Product Name: **(R)-(-)-Phenylsuccinic acid**

CAS Number: 46292-93-7

Specifications & Purity: $\geq 96\%$ (HPLC), sum of enantiomers

Lot #: I2207743

SKU # **I170467**

Version **1**

Analysis #: **530043**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC) (sum of enantiomers)	96-100 (%)	98.54 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Acetone})$	-180--170 (°)	-173.10 °
Appearance(I170467)	White to Faint Beige Powder	white to faint beige powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager