

Certificate of Analysis

Date of Testing: 2023-03-09 14:20:15

Date of Next Testing: 2027-03-08 14:20:15

Product Name: **L-Phenylalanyl-L-phenylalanine**

CAS Number: 2577-40-4

Specifications & Purity: $\geq 98\%$

Lot #: C2301733

SKU #: **P121410**

Version: **2**

Analysis #: **184183**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in AcOH})}$	36.5-47.6 ($^{\circ}$)	43.05 $^{\circ}$
Purity(HPLC)	98-100 (%)	98.00100 %
Appearance (P121410)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
Solubility in 80% AcOH	colorless solution Clear at 50 mg/ml	colorless solution Clear at 50 mg/ml
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager