

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-09 14:29:31
 Date of Next Testing: 2027-03-08 14:29:31
 Product Name: **L-Phenylalanyl-L-phenylalanine**
 CAS Number: 2577-40-4
 Specifications & Purity: $\geq 98\%$
 Lot #: C2301730
 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 ($^{\circ}$)	43.05300 $^{\circ}$
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