

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-02 20:23:12

Date of Next Testing: 2027-03-01 20:23:12

Product Name: **D-Phenylalanine Benzyl Ester p-Toluenesulfonate**

CAS Number: 28607-46-7

Specifications & Purity: $\geq 98\%$

Lot #: B2324689

SKU #: **S161111**

Version: **0**

Analysis #: **153322**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.20000 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in MeOH})}$	5-7 (°)	5.08900 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager