

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-17 16:26:31

Date of Next Testing: 2026-06-16 16:26:31

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

CAS Number: 17664-93-6

Specifications & Purity: $\geq 98\%$

Lot #: H1425028

SKU #: **L115809**

Version: **0**

Analysis #: **101734**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in DMF})}$	-6--3 (°)	-4.60000 °
Melting point	156-160 (°C)	158.50000 °C
Purity(HPLC) (total of p-TS)	98-100 (%)	98.88200 %
Purity(Neutralization titration)	97.5-102.5 (%)	99.30000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager