

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-19 10:18:29

Date of Next Testing: 2026-07-18 10:18:29

Product Name: **D-Alanine benzyl ester p-toluenesulfonate salt**

CAS Number: 41036-32-2

Specifications & Purity: $\geq 98\%$

Lot #: 11812100

SKU #: **A117193**

Version: **0**

Analysis #: **114475**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=3 \text{ in MeOH})$	3.5-6.5 (°)	5.63000 °
Melting point	113-116 (°C)	114.72000 °C
Purity(HPLC)	98-100 (%)	99.26000 %
Appearance (A117193)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH	pass	Pass



John Su
QA & QC Manager