

Certificate of Analysis

Date of Testing: 2024-05-31 13:50:06

Date of Next Testing: 2028-05-30 13:50:06

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

CAS Number: 41036-32-2

Specifications & Purity: 98%

Lot #: H1228050

SKU #: **A117193**

Version: **0**

Analysis #: **363166**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=3 in MeOH)	3.5-6.5 (°)	5.38°
Melting point	113-116 (°C)	114.58000 °C
Purity(HPLC)	98-100 (%)	99.38000 %
Appearance (A117193)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH	pass	Pass



John Su
QA & QC Manager