



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-296553
Lot Number: SAMPLE
Product Name: Tosyl-L-proline
CAS Number: 51077-01-1
Molecular Formula: $C_{12}H_{15}NO_4S$
Molecular Weight: 269.32

Test	Result
Appearance	White powder
Assay	93.5% (Elemental analysis, Cth 53.52%, Cfd 50.02%)
Purity (TLC)	> 99%
TLC	Complies
Melting Point	58 °C
Solubility	Clear, colorless solution (50 mg/mL in MeOH)
Optical Rotation ($\alpha_{24/D}$)	-149.4° (C = 2.3% in H ₂ O and 2 aquimolar 1N NaOH)
Water Content (KF)	6.1%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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