



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-286944
Lot Number: SAMPLE
Product Name: Z-O-4-toluenesulfonyl-L-serine methyl ester
CAS Number: 1492-52-0
Molecular Formula: $C_{19}H_{21}NO_7S$
Molecular Weight: 407.44

Test	Specification	Result
Appearance	White powder	Complies
Identification (NMR)	Consistent with standard	Complies
Identification (Infrared Spectrum)	Consistent with standard	Complies
Identification (Mass Spectrometry)	Consistent with standard	Complies
Purity (HPLC)	$\geq 98\%$	99.12%
Clarity of Solution	Clear solution at 150 mg/ml in DMF	Complies
Loss on Drying	$\leq 1.0\%$ (55 °C, 2 h)	0.54%
Water Content (KF)	$\leq 1.0\%$	0.71%

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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