



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-254851
Lot Number: SAMPLE
Product Name: 5-Methyl-DL-tryptophan
CAS Number: 951-55-3
Molecular Formula: $C_{12}H_{14}N_2O_2$
Molecular Weight: 218.25
Native Source: Synthetic

Test	Specification	Result
Appearance	Off white powder	Off white powder
Identification (Infrared Spectrum)	Conforms	Complies
Solution	Clear, pale yellowish (5% solution in 1 N NaOH)	Complies
Heavy Metals (Pb)	≤ 10 ppm	2 ppm
Titration	$\geq 97.5\%$ (HClO ₄)	98.4%
Sulfated Ash	$\leq 0.5\%$	0.1%
Water Content (KF)	$\leq 1\%$	0.3%

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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