



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-280495
Lot Number: SAMPLE
Product Name: 5-Chloro-DL-tryptophan
CAS Number: 154-07-4
Molecular Formula: $C_{11}H_{11}ClN_2O_2$
Molecular Weight: 238.67

Test	Specification	Result
Appearance	Almost white to off-white powder	Almost white powder
Identification (FTIR)	Consistent with reference spectrum	Complies
TLC	Consistent with reference material	Complies
Solution (Turbidity)	≤ 4 NTU at 1% in 1mol/L HCl	2.4 NTU
Color of Solution	Colorless at 2% in 1mol/L HCl	Complies
Perchloric Acid Titration	98.0 - 102.0%	99.5%
Water Content (KF)	$\leq 1.0\%$	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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