



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-255066
Lot Number: SAMPLE
Product Name: D-Tryptophan
CAS Number: 153-94-6
Molecular Formula: $C_{11}H_{12}N_2O_2$
Molecular Weight: 204.23

Test	Specification	Result
Assay		99.9%
Residue on Ignition	(As sulfate)	0.06%
Solubility		Water (Colorless and Clear) c=1
Specific Rotation	$\alpha^{20}D$	+32.1° (c=2, water)
Heavy Metals	(Pb)	<10ppm
Loss on Drying		0.07%
Other Amino Acids		Not detected by TLC (The spotted amount, 10 µg)
Ammonium		<0.02%
Arsenic		<1ppm
Chloride		<0.02%
Iron		<10ppm
Sulfate		<0.03%

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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