



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-204781
Lot Number: SAMPLE
Product Name: L-Biopterin
CAS Number: 22150-76-1
Molecular Formula: $C_9H_{11}N_5O_3$
Molecular Weight: 237.22

Test	Specification	Result
Appearance	White to pale yellow powder	Pale yellow powder
Identification	Identical to standard reference	Complies
Purity	$\geq 98.0\%$	98.6%
Residue on Ignition	$\leq 0.2\%$	0.1%
Solubility	Soluble in 1 N sodium hydroxide (>25 mg/ml) or 1 N hydrogen chloride (>25 mg/ml); very slightly soluble in water (0.7 mg/ml) (ultrasonication). To obtain concentrated solutions, ammonium hydroxide should be added.	Complies
Heavy Metals	≤ 20 ppm	13 ppm
Loss on Drying	$\leq 5.0\%$	3.1%

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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