



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-506156D
Lot Number: SAMPLE
Product Name: L-Sepiapterin
CAS Number: 17094-01-8
Molecular Formula: $C_9H_{11}N_5O_3$
Molecular Weight: 237.22
Native Source: Synthetic

Test	Specification	Result
Appearance	Yellow to dark yellow solid	Yellow solid
Identification (NMR)	Conforms to structure	Conforms
Identification (Mass Spectrometry)	Conforms to structure	Conforms
Purity (HPLC)		90.48% (270 nm)
Solubility		Aqueous Base (Slightly), DMSO (Slightly), Methanol (Slightly)
Specific Rotation		+255.2° (c = 0.1, 0.1N NaOH)
Carbon Content		46.06%
Hydrogen Content		4.92%
Nitrogen Content		28.01%

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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