



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-498896
Lot Number: SAMPLE
Product Name: cis-10,11-Dihydroxy-10,11-dihydrocarbamazepine
CAS Number: 58955-94-5
Molecular Formula: $C_{15}H_{14}N_2O_3$
Molecular Weight: 270.28
Native Source: Synthetic

Test	Specification	Result
Appearance		Off-White to Pale Yellow Solid
Identification (1H-NMR)	Conforms to Structure	Complies
Identification (Mass Spectrometry)	Conforms to Structure	Complies
Purity (TLC)		98%
Elemental Analysis		%C: 65.96 %H: 5.31 %N: 9.90
Melting Point		> 223 °C (dec.)
Solubility		DMSO (Slightly), Methanol (Slightly, Heated), Pyridine (Slightly)

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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