



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-252540
Lot Number: SAMPLE
Product Name: Calcium Ionophore A23187 hemimagnesium salt
CAS Number: 72124-77-7
Molecular Formula: $C_{29}H_{36}MgO_5N_3$
Molecular Weight: 534.77

Test	Specification	Result
Appearance (Color)	White to Faint Yellow to Light Yellow to Yellow to White with a Yellow Cast	Faint Yellow
Appearance (Form)	Powder	Powder
Identification (1H-NMR)	Consistent with Structure	Complies
Purity (TLC)	$\geq 98 \%$	99.00 %
Solution (Clarity)	Clear	Clear
Solution (Color)	Colorless to Light Yellow to Faint Yellow to Yellow	Faint Yellow
Carbon	64.81 - 65.81 %	65.17 %
Magnesium	2-3 %	2.40 %
Nitrogen	7.36 - 8.36 %	7.80 %
Water Content (KF)		0.69 %

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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