



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-252986
Lot Number: SAMPLE
Product Name: Magnesium ionophore III
CAS Number: 119110-38-2
Molecular Formula: $C_{30}H_{58}N_4O_4$
Molecular Weight: 538.81

Test	Specification	Result
Appearance	White to almost white powder to powder with lumps	White powder
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 95.0\%$	97.7%
Nernst Behavior		Linearity: $1.5 \cdot 10^{-5}$ - $1 \cdot 10^{-1}$ mol/l

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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