



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-220151
Lot Number: SAMPLE
Product Name: Sucrose Octasulfate, Ammonium Salt
CAS Number: 74135-13-0
Molecular Formula: $C_{12}H_{14}O_{36}S_8 \cdot 8NH_4$
Molecular Weight: 1119.05
Native Source: Synthetic

Test	Specification	Result
Appearance		White to off-white solid
Identification (1H-NMR)		Consistent with structure
Purity (TLC)		98%
Atmosphere		Air
Melting Point		>140 °C (dec.)
Solubility		Water (slightly)
Ammonium		11.93% (by Ion Chromatography)
Carbon Content	12.88%	12.10%
Hydrogen Content	4.14%	4.12%
Nitrogen Content	10.01%	8.56%

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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