



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-484242
Lot Number: SAMPLE
Product Name: 4-Methylumbelliferyl 6-Sulfo-2-acetamido-2-deoxy- α -D-glucopyranoside Sodium Salt
CAS Number: 153484-08-3
Molecular Formula: $C_{18}H_{20}NO_{11}S \cdot Na$
Molecular Weight: 481.41
Native Source: Synthetic

Test	Result
Appearance	White Solid
Identification (1H-NMR)	Complies
Identification (Mass Spectrometry)	Complies
Purity (TLC)	> 90 %
Atmosphere	Inert Gas
Elemental Analysis	(Found) %C: 39.55, %H: 4.73, %N: 2.46; (Calculated) %C: 44.91, %H: 4.19, %N: 2.91. Sodium Content: 6.43%
Melting Point	204.5 - 206.5 °C
Solubility	Methanol, Water

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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