



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-210122D
Lot Number: SAMPLE
Product Name: 4-Methylumbelliferyl α -L-Idopyranosiduronic Acid 2-Sulfate Disodium Salt
CAS Number: 1045020-74-3
Molecular Formula: $C_{16}H_{14}O_{12}S \cdot 2Na$
Molecular Weight: 476.32
Native Source: Synthetic

Test	Specification	Result
Appearance	White to off-white solid	Complies
Identification (NMR)		Complies
Identification (Mass Spectrometry)		Complies
Purity (HPLC)	>95%	99.78% (220 nm)
Purity (TLC)		96%
Elemental Analysis		%C: 37.11, %H: 3.24
Solubility		Methanol (Slightly), Water (Slightly)
Sodium		8.78% by Ion Chromatography
Water Content		~5.2% based on Elemental Analysis

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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