



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-496884
Lot Number: SAMPLE
Product Name: 17 β -Estradiol 3-O-Sulfate-d3 Sodium Salt
CAS Number: 4999-79-5 (unlabeled)
Molecular Formula: C₁₈H₂₁D₃O₅NaS
Molecular Weight: 376.44
Native Source: Synthetic

Test	Result
Appearance	White Solid
Identification (¹ H-NMR)	Complies
Identification (Mass Spectrometry)	Complies
Isotopic Purity	98.6%
Purity (TLC)	96%
Atmosphere	Inert Gas
Elemental Analysis	(Found) %C: 53.89, %H: 6.18; (Calculated) %C: 57.28, %H: 6.15
Melting Point	173 - 175°C
Solubility	DMSO (Slightly), Methanol (Slightly), Water (Slightly)
Specific Rotation	+51.9° (c= 0.1, Water)
Sodium	5.67% by Ion Chromatography

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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