



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-480505
Lot Number: SAMPLE
Product Name: Acetaminophen Glutathione-d3 Disodium Salt
CAS Number:
Molecular Formula: $C_{18}H_{19}D_3N_4O_6S \cdot 2Na$
Molecular Weight: 503.45
Native Source: Synthetic

Test	Specification	Result
Appearance	Off-White to light brown solid	Pale brown to light brown solid
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Isotopic Purity	> 95%	98.80%
Purity	~90%	Complies
Specific Rotation		-36.8° (c = 0.1, Methanol)
Carbon Content	42.94%	37.69%
Hydrogen Content	4.41%	4.28%
Nitrogen Content	11.13%	9.69%
Sodium Content		9.61% by Ion Chromatography
Water Content (KF)		4.7%

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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