



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-478436
Lot Number: SAMPLE
Product Name: Nimesulide-d5
CAS Number: 1330180-22-7
Molecular Formula: $C_{13}H_7D_5N_2O_5S$
Molecular Weight: 313.34

Test	Specification	Result
Appearance	Pale yellow solid	Complies
Identification (1H-NMR)		Complies
Identification (Mass Spectrometry)		Complies
Isotopic Enrichment	$\geq 98.0\%$	98.9%
Purity	$\geq 95.0\%$	97.9%
Purity (HPLC)	$\geq 98.0\%$	99.1%
Residual Solvents		0.3% dichloromethane (NMR)
Water Content (KF)		0.9%

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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