



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-218682
Lot Number: SAMPLE
Product Name: Mefenamic Acyl-β-D-glucuronide
CAS Number: 102623-18-7
Molecular Formula: $C_{21}H_{23}NO_8$
Molecular Weight: 417.41
Native Source: Synthetic

Test	Specification	Result
Appearance		Light yellow solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity		98.38% (UPLC)
TLC		Complies
Atmosphere		Air
Melting Point		> 148.5 °C (dec.)
Solubility		Dichloromethane, Methanol
Carbon Content	60.43%	56.42%
Diethyl ether		1%
Hydrogen Content	5.55%	5.57%
Nitrogen Content	3.36%	3.15%
Water Content (KF)		1.5%

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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