



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-490901  
Lot Number: SAMPLE  
Product Name: Mepivacaine-d3  
CAS Number: 1722-62-9 (unlabeled)  
Molecular Formula:  $C_{15}H_{19}D_3N_2O$   
Molecular Weight: 249.37  
Native Source: Synthetic

Test	Specification	Result
Appearance	White to Pale Yellow Solid	White to Off-White Solid
Identification (NMR)		Conforms to structure
Identification (Mass Spectrometry)		Conforms to structure
Isotopic Purity	> 95%	99.8%
Purity (HPLC)	> 95%	99.40%
Purity (TLC)		98%
Melting Point		149 - 150 °C
Solubility		Chloroform (Slightly), Methanol (Slightly)

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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