



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-207536  
Lot Number: SAMPLE  
Product Name: Desloratadine-d4  
CAS Number: 381727-29-3  
Molecular Formula:  $C_{19}H_{15}D_4ClN_2$   
Molecular Weight: 314.85  
Native Source: Synthetic

Test	Specification	Result
Appearance	Pale yellow to light brown solid	Pale orange to pale red solid
Identification (NMR)	Conforms to structure	Conforms
Identification (Mass Spectrometry)	Conforms to structure	Conforms
Isotopic Purity	> 95%	98.6%
Purity (HPLC)		99.33% (200 nm)
Solubility		Chloroform (Slightly), Methanol (Slightly)
Carbon Content		67.36%
Hydrogen Content		5.97%
Nitrogen Content		8.17%

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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