



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-204716  
Lot Number: SAMPLE  
Product Name: Dextromethorphan Hydrobromide Monohydrate  
CAS Number: 6700-34-1  
Molecular Formula:  $C_{18}H_{25}NO \cdot HBr \cdot H_2O$   
Molecular Weight: 352.32 (anhydrous)

Test	Specification	Result
Appearance		White crystalline powder
Assay		99.5%
Identification	Passes	Complies
Melting Point	115 - 125 °C	124.3 - 125 °C
pH		6.3
FTIR	Conform to standard	Complies
Optical Rotation	$+27.6^\circ \pm 5^\circ$	$+29^\circ$
Toluene		0.0006%
Water Content	~5.0%	4.9%

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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