



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-211278
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: 370.32

Test	Specification	Result
Appearance	White crystal powder	Complies
Identification		Complies
Purity (UHPLC)	$\geq 96.0\%$	$> 99.5\%$
Clarity of Solution	Clear	Complies
Melting Point	126.0 °C	125.8 °C
pH	5.2 - 6.5	5.52
Solubility	Sparingly soluble in water Soluble in alcohol	Complies
Color of Solution	Colorless	Complies
Specific Rotation	$+ 28.0^\circ - + 30^\circ$	$+ 29.0^\circ$
Sulfated Ash	$\leq 0.1\% \text{ w/w}$	0.04%
Water Content	3.5 -5.5 % w/w	5.1%

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com