



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-391819
Lot Number: SAMPLE
Product Name: Dextrophan, Tartrate Salt
CAS Number: 143-98-6
Molecular Formula: $C_{17}H_{23}NO \cdot C_4H_6O_6$
Molecular Weight: 407.46

Test	Specification	Result
Appearance	White/ off-white solid	Off-white solid
Identification (FTIR)		Complies
Identification (1H-NMR)		Complies
Identification (GC/MS)		Complies
Identification (LCMS)	258.2 ± 0.5 amu	258.4 amu
Purity (HPLC)	$\geq 98\%$	$99.77\% \pm 0.18\%$
Residue on Ignition	$\leq 3\%$	$< 0.1\% \pm 0.22\%$
λ_{max}		200, 219, 281 nm
Loss on Drying	$\leq 5\%$	$0.21\% \pm 0.53\%$

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