



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-201129
Lot Number: SAMPLE
Product Name: 8-Hydroxy-DPAT • HBr
CAS Number: 87394-87-4
Molecular Formula: $C_{16}H_{25}NO \cdot HBr$
Molecular Weight: 328.3

Test	Specification	Result
Appearance	White to white w/Yellow Cast Powder	White Powder
Identification (NMR)	Consistent with structure	Complies
Purity (TLC)	$\geq 98.00 \%$	98.00 %
Residual Solvents	$\leq 1.00\%$ (Methanol/NMR)	0.23%
Solution (Color)	Colorless to Faint Yellow solution in Water at 9.80 - 10.20 mg/ml (Heating)	Colorless solution in Water at 10.00 mg/ml (Heating)
Solution (Turbidity)	Clear solution in Water at 9.80 - 10.20 mg/ml (Heating)	Clear solution in Water at 10.00 mg/ml (Heating)
Carbon	58.04 - 59.04 %	58.56 %
Nitrogen	3.77 - 4.77 %	4.08 %
Water Content (KF)	$\geq 0.00\%$	0.17 %

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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