



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203606
Lot Number: SAMPLE
Product Name: Ipratropium bromide
CAS Number: 22254-24-6
Molecular Formula: $C_{20}H_{30}BrNO_3$
Molecular Weight: 412.37

Test	Specification	Result
Appearance	White or almost white crystalline powder	Complies
Assay	99.0%-100.5%	99.6%
Melting Point	ca 230°C with decomposition	232°C
Optical Rotation	-0.1° to +0.1°	Complies
Heavy Metals	≤10 ppm	Complies
Related Substances	≤0.3%	0.04%
Sulfated Ash	≤0.1%	0.0%
Water Content	3.90% to 4.40%	4.33%

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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