



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203663A
Lot Number: SAMPLE
Product Name: Pirfenidone
CAS Number: 53179-13-8
Molecular Formula: $C_{12}H_{11}NO$
Molecular Weight: 185.23

Test	Specification	Result
Appearance	Light yellow to off-white powder	Complies
Assay (HPLC)	98.5-101.0%	99.3%
Identification (Infrared Spectrum)	Conforms to structure	Complies
Heavy Metals	≤ 10 ppm	Complies
Loss on Drying	$\leq 1.0\%$	0.2%
Related Substances	Single impurity $\leq 0.5\%$ Total impurities $\leq 1.0\%$	0.3% 0.7%
Sulfated Ash	$\leq 0.2\%$	Complies

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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