



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215745
Lot Number: SAMPLE
Product Name: Pranlukast hemihydrate
CAS Number: 150821-03-7
Molecular Formula: $C_{27}H_{23}N_5O_4 \cdot 0.5H_2O$
Molecular Weight: 490.51

Test	Specification	Result
Appearance	Off-white to yellow solid	Off-white solid
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity	> 97%	98.6%
Total Impurities (HPLC)	< 2.0%	1.27%
Heavy Metals	≤ 20 ppm	< 20 ppm
Loss on Drying	1.5 – 2.2%	1.7%
Single Impurity	< 1.0%	0.75%
Sulfated Ash	$\leq 0.2\%$	0.03%

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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