



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-337865
Lot Number: SAMPLE
Product Name: Hyaluronic acid
CAS Number: 9004-61-9
Molecular Formula: $C_{28}H_{44}N_{2}O_{23}$
Molecular Weight: 776.65

Test	Specification	Result
Appearance	White powder	Complies
Molecular Weight	$(1.0 - 1.5) \times 10^6$	1.38×10^6
pH	5.0 - 7.0	6.8
Absorption Capacity	600 nm. The optical absorption 1-300 $\leq 0.01\%$	Complies
Absorption Capacity	260 nm. The optical absorption 1-300 $\leq 0.5\%$	Complies
Content	95.0% - 105.0%	98.9%
Loss on Drying	$\leq 10\%$	7.8%
Chloride	$\leq 0.5\%$	0.26%
Iron	≤ 10 ppm	Complies
Protein Content	$\leq 0.05\%$	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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