



# ART VATIKA INSTITUTE

One Stop Solution to all Your Cosmetic Needs

<b>Material Name</b>	Hyaluronic Acid Powder	<b>Batch No.</b>	20230912
<b>Quantity</b>	1000KGS	<b>Manufacturer</b>	2023-09-12
<b>Pack Size</b>	1kg/foil bag	<b>Expiry Date</b>	2028-09-11
<b>S. No.</b>	<b>Test Parameter</b>	<b>SPECIFICATION</b>	<b>RESULTS</b>
1	Appearance	White powder	White powder
2	Particle Size	80 mesh	Complies
3	Glucuronic Acid	NLT 44.0%	46.50%
4	Hyaluronic Acid	NLT 91.0%	95.9 %
5	Molecular weight	0.8×10-1.5×1)	1.03×100
6	Bulk Density	/	0.88g/ml
7	Proteins	NMT 0.1%	0.023 %
8	pH (0.1% Water Solution)	6.0-7.5	6.84
9	Transparency(0.1 solution)	NLT 99.0%	99.80%
10	Dynamic viscosity	/	32.4mm <sup>2</sup> /S
11	Loss on drying	NMT 10.0%	8.35%
12	Residue on ignition	NMT 20.0%	11.30%
13	Heavy Metal	NMT 10ppm	Complies
12	Lead (Pb)	NMT 3ppm	Complies
15	Arsenic (As)	NMT 1ppm	Complies
16	Mercury (Hg)	NMT 0.1ppm	Complies
17	Cadmium (Cd)	NMT 1ppm	Complies
18	Total Plate Count	NMT 1000cfu/g	40cfu/g
19	Mold & Yeast	NMT 100cfu/g	NMT 10cfu/g
20	Salmonella	Negative/10g	Complies
21	E. Coli	Negative/10g	Complies
22	Staphylococcus aureus	Negative/10g	Complies
23	Conclusion	Up to the standard.	----
24	Storage	Stored in cool, dry and ventilated warehouse, and keep away from Moisture. Data	----
Chemical Name :	Hyaluronic Acid Powder		
CAS Number :			<b>Approved By</b>

Opinion: The sample Complies with prescribed standard of quality with respect to above tests.

