

CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Hyaluronic Acid LMW 10,000-20,000 Da		
<b>Specification</b>	Cosmetic Grade		
<b>Batch Number</b>	20211225	<b>Manufacture Date</b>	20211225
<b>Raw Material</b>	Fermented		
<b>Report Date</b>	20211225	<b>Expiry Date</b>	20251224

Item of Analysis	Specification	Results
Appearance	White powder	White powder
Glucuronic Acid	≥44%	47.76%
Sodium Hyaluronate	≥91%	99.25%
Appearance of Solution (0.1% Water Solution)	A600nm ≤0.01	Complied
Nucleic Acid	A260nm ≤0.5	Complied
pH (0.1% Water Solution)	5.0-8.5	6.95
Molecular Weight	10-80W 106 Da.	20w Da.
Protein	≤0.1%	0.02%
Loss on drying	≤10%	7.59%
Residue on Ignition	≤20.00 %	16.77%
Chlorides	≤0.5%	0.3%
Iron	≤80ppm	<80ppm
Heavy metal	≤10ppm	<10ppm
Arsenic	≤2ppm	<2ppm
Bacteria Count	≤100CFU/G	<100CFU/G
Molds & Yeast count	≤10CFU/g	<10CFU/g
Staphylococcus aureus	Negative	Negative
Pseudomonas aeruginosa	Negative	Negative
Hemolysis	Negative	Negative
Viable Hemolytical Streptococci	Negative	Negative
Shelf Life	wo Years	

Disclaimer & Caution please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Botanic planet Canada Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Botanic planet Canada Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. Botanic Planet Canada Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Botanic Planet Canada Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario.

Botanic Planet Canada Inc.  
2 Bram Court, Unit#3 Brampton, Ontario, L6W 3R6 Canada  
Email:info@botanicplanet.ca Telephone: 905-455-4444 Fax:905-455-4481  
www.botanicplanet.ca