

CERTIFICATE OF ANALYSIS

Product Name: Polyglutamic Acid Powder
INCI Name: Polyglutamic Acid
Product Grade: Cosmetic Grade
Appearance: White to off-white powder or granules
Batch/Lot No.: BPCPGAP102026
Origin: China
Expiry/Retest Date: October 2029

Test Item	Specification	Result
Description	White or off-white powder or granule	Complies
Assay	≥ 92.0%	92.40%
pH (1% Solution)	5.0–7.5	5.4
Intrinsic Viscosity	Measured Value	1.47 dL/g
Absorbance (4%, 400 nm)	≤ 0.12	0.03
Lead (Pb)	≤ 10 ppm	<10 ppm
Loss on Drying	≤ 10.0%	5.20%
Total Plate Count	≤ 100 CFU/g	Complies
Mold & Yeast Count	≤ 100 CFU/g	Complies
Fecal Coliforms	Negative	Negative
<i>Pseudomonas aeruginosa</i>	Negative	Negative
<i>Staphylococcus aureus</i>	Negative	Negative

This product is a 100% pure and natural. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to botanic Planet. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(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 damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing contained herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

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