

## CERTIFICATE OF ANALYSIS

**Product:** L-Glutathione Reduced Powder  
**Botanical Name/INCI:** L-Glutathione  
**CAS No:** 70-18-8  
**Lot No:** BPCLGRP092023  
**Best Before:** September, 2027  
**Origin:** Japan

<u>ITEM</u>	<u>SPECIFICATION</u>	<u>RESULTS</u>
	Assay: 98.0%-101.0%	99.0%
	Appearance: White crystalline powder	Conforms
	Appearance of solution: Clear and colorless	Conforms
	Identification IR: Similar with the Reference Spectrum	Conforms
	OR-15.5°-17.5°-16.4°	
Heavy metals	≤10.0ppm	Conforms
Arsenic	≤2.0ppm	Conforms
Iron	≤10.0ppm	Conforms
Sulfate	≤300ppm	Conforms
Ammonium	≤200ppm	Conforms
Cadmium	≤1.0ppm	Conforms
Lead	≤3.0ppm	Conforms
Mercury	≤1.0ppm	Conforms
Residue on ignition	≤0.1%	0.03%
Loss on drying	≤0.5%	0.40%
Gross contamination	≤2.0%	1.00%
GSSG	≤1.5%	0.28%
Total Plate Count	≤1000cfu/g	Conforms
Yeast & Mold	≤100cfu/g	Conforms
Total coli forms	≤100cfu/g	Conforms
E. coli	Negative/10g	Negative
S.aureus	Negative/10g	Negative
Salmonella	Negative/10g	Negative

This product is a 100% pure and natural product. 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 Canada Inc. 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 container 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.