

Certificate of Analysis

Product: DIPOTASSIUM GLYCYRRHIZATE 98%

Botanical Name/INCI: Dipotassium Salt of Glycyrrhizin Acid/Glycyrrhizin.

Lot No: BPCSAP042024

Best Before: April, 2028

Origin: USA

Specification	Parameter	Result
Physical Control		
Appearance	White powder	White powder
Identification	It should be positive reaction	Complies
Taste	Characteristic sweet.	Complies
Density	45-60g/100ml	46.64g/100ml
Particle Size:	100% Pass 80 mesh	Complies
Heavy Metal	≤10PPM	Complies
Arsenic	≤2ppm	Complies
Lead	≤2ppm	Complies
Loss on Drying	≤5.0%	2.51%
Residue on ignition:	18.0% - 22.0%	Complies
Residue		
NH4+	0.006%	0.006%
Ethanol	0.5%	0.03%
Microbiological Control		
Total Plate Count	1000CFU/gm	Complies
Total Yeast & Mold	100CFU/gm	Complies
Salmonella	Negative	Complies
E.Coli	Negative	Complies
Staphylococcus	Negative	Complies
Conclusion	Conforms with the specification.	
Storage	Closed keep in cool, dry and dark place ;keep from heat and strong light.	

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 and specifications. 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.

Material Safety Data Sheet

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product name	DIPOTASSIUM GLYCYRRHIZATE 98%
INCI Name	Dipotassium Salt of Glycyrrhizin Acid/Glycyrrhizin.
Country of Origin	USA
Product Use	Cosmetic
Supplier	Botanic Planet Canada Inc.
Address	2 Bram Crt Unit # 3 Brampton, Ontario, L6W 3R6 Canada
Telephone number	905-455-4444
Emergency phone number	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Classification:	This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122).
GHS Label Elements	
Hazard statement(s)/Signal:	Not applicable.
Precautionary statement(s):	Not applicable.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
Dipotassium Glycyrrhizate	68797-35-3	272-296-1	98.0%

SECTION 4. FIRST AID MEASURES

Eye contact:	Immediately rinse with plenty of water for at least 15 minutes, while keeping the eyes wide open. Consult with a physician.
Skin contact:	Remove contaminated clothing. Wash the area with soap and water. If irritation occurs, get medical attention.
Inhalation:	If inhaled, remove to fresh air; if breathing is difficult, give oxygen; if breathing stops, give artificial respiration.
Ingestion:	Consult a physician.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Precautions for firefighters:	Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance:	Hazardous decomposition products may be formed at extreme heat or if burned.
Resulting gases:	Carbon oxides

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Equip a clean crew with proper protection. respiratory protection equipment may be necessary.
Environmental precautions:	Prevent entry to sewers and public waters. Notify authorities if the product enters sewers or public waters.
Methods for cleaning up:	Clean up any spills as soon as possible, using an adsorbent material to collect them. Use suitable disposal containers.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:	No direct lighting. No smoking. Ensure prompt removal from eyes, skin, and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work.
Recommended Storage Conditions:	Provide local exhaust or general room ventilation to minimize dust and/or vapor concentrations. Keep the container when not in use.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes:	Use tightly sealed goggles.
Skin:	If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.
Respiratory:	In case of insufficient ventilation, wear suitable respiratory equipment.
Work Hygiene:	Handle in accordance with good industrial hygiene and safety practices.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White powder.
Odor:	Not available.
pH value (1% solution):	3.5-6.0
Melting Point/Freezing Point:	Not available.
Flashpoint:	Not available.
Solubility:	Soluble in water.

SECTION 10. STABILITY AND REACTIVITY

Chemical stability:	Chemically stable.
Possibility of hazard reactions:	Hazardous polymerization will not occur.
Conditions to avoid:	Avoid temperatures exceeding the flash point.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Inhalation:	Inhalation of high concentrations of vapor may result in irritation of the eyes, nose, and throat, headache, nausea, and dizziness.
Skin Contact:	Adverse skin effects should be prevented by normal care and personal hygiene.
Eye Contact:	Possible irritation should be prevented by wearing safety glasses.
Ingestion:	No adverse effects are expected.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Avoid any pollution of ground, surface, or underground water.

Persistence and degradability:

all individual organic substances contained in the product achieved values in tests for ready biodegradability of at least 60% BOD/COD or 70% DOC reduction

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, state or provincial, and federal regulations. Check with local municipal authorities to ensure compliance.

SECTION 14. TRANSPORT INFORMATION

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as Non-Regulated Material.

SECTION 15. REGULATORY INFORMATION

This product does not need to be labeled in accordance with EC Directives or respective national laws.

SECTION 16. OTHER INFORMATION

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