

iACTIVE DPG

INCI Name (US): Dipotassium Glycyrrhizate

INCI Name (EU): Dipotassium Glycyrrhizate

CAS #: 68797-35-3

**General Information/
Characteristics:**

Dipotassium Glycyrrhizate is a dipotassium salt of glycyrrhizic acid and the active compound derived from liquorice root. It can be used as a skin agent as to improve the appearance of dry/damaged skin by reducing flaking and restoring suppleness. It also possesses anti-allergic and anti-inflammatory properties by inhibiting leuco triene and reducing histamine. Additionally, this licorice constituent displays anti-aging and anti-oxidant effects. This salt has been widely used in dermatological medicine as a topical agent since studies suggest it also inhibits the skin's tyrosinase activity and melanin production, making it an agent against hyperpigmentation. Further studies have demonstrated the salt aids in reducing the redness and irritation associated with rosacea, atopic dermatitis, psoriasis and acne.

Benefits / Application:

Skin care benefits:

- Anti-allergic, soothing functions.
- Improves skin appearance.

Applications:

- Sensitive skin products.
- Make-up products, toner, foundation, skin fader/lightener.
- Facial creams
- Moisturizer lotion for body and face

Formulations Advices:

Use level in cosmetics: 0.1-0.5%. There is no any side reaction for frequent or continuous application.

Regulatory Status:

No specific regulations.

Distributed by Cosphatech LLC – 1729 NW 84 AVENUE – 33126 - FLORIDA – USA – Phone: +1-305-499-9572– info@cosphatech.com

We have made reasonable efforts to ensure that the information and suggestions regarding the statement of ingredients and conditions for use of our products is technically and scientifically accurate and up to date. We and our suppliers and agents neither commit nor guarantee the relevance, accuracy, presentation or use, or suitability of our products to any specific use. Such information and suggestions shall not be deemed to grant any patent license or any other intellectual property right. We cannot guarantee that the use made of our products, information and suggestions will respect the intellectual property rights of other third parties. Customers shall use our products, information and suggestions at their own risk and we will therefore not accept any liability whatsoever for any such above-mentioned accounts.

iACTIVE DPG

Physical-Chemical Properties:

Appearance:	Powder-crystal. Characteristic
Taste:	sweet.
Color:	White to light yellow.
pH value (25 °C, 1% soln)	5.0-6.0
Loss on drying (%)	5.0%
Heavy metals (ppm) max:	≤10ppm
Arsenic salt (ppm) max:	2ppm
Assay (%):	98.0 %

**These values indicate typical specification; they are not intended to be used as product specifications*

Microbiology:

Total Plate Count:	Max. 100 cfu/g
Yeast and Mold	Max. 100 cfu/g
Salmonella:	Negative.
E. Coli:	Negative.

Additives:

None.

Shelf Life / Storage Conditions:

iActive DPG is stable for 24 months when stored at room temperature in sealed containers in a dry, ventilated dark place.

Packaging:

1kg/bag, 25kg/drum

Distributed by Cosphatech LLC – 1729 NW 84 AVENUE – 33126 - FLORIDA – USA – Phone: +1-305-499-9572– info@cosphatech.com

We have made reasonable efforts to ensure that the information and suggestions regarding the statement of ingredients and conditions for use of our products is technically and scientifically accurate and up to date. We and our suppliers and agents neither commit nor guarantee the relevance, accuracy, presentation or use, or suitability of our products to any specific use. Such information and suggestions shall not be deemed to grant any patent license or any other intellectual property right. We cannot guarantee that the use made of our products, information and suggestions will respect the intellectual property rights of other third parties. Customers shall use our products, information and suggestions at their own risk and we will therefore not accept any liability whatsoever for any such above-mentioned accounts.