



Code: 9227

Size: 180 Chewable Tablets

Actual Size: 15.96 mm diameter



# **DGL**

## Deglycyrrhizinated Licorice Root Extract Relieves Occasional Stomach and Digestive Tract Irritation\* · Supports Healthy Stomach Lining\*

- Offers 400 mg of DGL per tablet
- Supports the stomach lining by stimulating mucous formation and secretion, offering relief for occasional stomach and digestive tract discomfort\*
- The chewable delivery system is preferred because saliva enhances the effect of DGL's natural compounds, allowing licorice to be released in the stomach and absorbed by the gastric mucosa
- Deglycyrrhizination avoids some of the adverse effects commonly associated with licorice consumption
- Pleasant-tasting tablets for better compliance
- Suitable for vegetarians/vegans

#### PRODUCT SUMMARY

Deglycyrrhizinated licorice, or DGL, has been used for decades to help with occasional stomach and digestive tract discomfort and support a healthy stomach lining.\*1 Licorice has many triterpenoids and hundreds of flavonoids that have been shown to inhibit specific enzymes, including both cyclooxygenase-2 (COX-2) and 5-lipoxygenase (5-LOX). These enzymes increase the production of several compounds, including IL-6, prostaglandin E2, thromboxane B2, and leukotriene B4. Consequently, inhibition helps organize the body's response to cellular damage.\*2 Importantly, this inhibition is not primarily because of glycyrrhizic acid, the component of licorice that has been removed from DGL, and that is associated with adverse effects.<sup>3</sup>

Licorice has multiple useful compounds that help clear normal cellular debris and help support healthy immune homeostasis, including glabridin and at least seven licochalcones.\* These compounds may help organize the body's response to cellular damage and are involved in antioxidant processes.\*4-6 Licorice extract has been shown to support the normal integrity of the gastric mucosa via multiple mechanisms.\*6,7 The use of chewable tablets appears necessary for DGL's efficacy, as it allows for distribution and absorption by the gastric mucosa.6



**To Place Your Order Email:** customersupport@bioclinicnaturals.com **Call:** 1·877·433·9860 • **Fax:** 1·877·433·9862





#### DGL · DEGLYCYRRHIZINATED LICORICE ROOT EXTRACT





### **Supplement Facts** Serving Size 1 Tablet **Amount Per Serving** % Daily Value

Deglycyrrhizinated Licorice 10:1 Extract (Glycyrrhiza glabra) (root) 400 mg Anise Seed Powder 55 mg Stevia Leaf Powder 2.6 mg

Other ingredients: Xylitol, microcrystalline cellulose, stearic acid, silica, magnesium stearate (vegetable grade).

Serving Size: 1 Tablet

Servings Per Container: 180

Suggested Usage: Chew 1 tablet 20 minutes before each meal or as directed by a health care professional. Consult a health care professional for use beyond 16 weeks.

Caution: Consult your health care professional prior to use if you are pregnant, trying to become pregnant, breastfeeding, taking medication, have a medical condition, or anticipate surgery. Keep out of reach of children.

Drug Interactions: No known drug interactions. Licorice influences the activity of several cytochrome enzymes and reduces warfarin activity in animal models, likely because of glycyrrhizic acid activity. DGL use should be carefully monitored in these patients.

Contains no artificial colors, preservatives, or sweeteners; no dairy, starch, sugar, wheat, gluten, yeast, soy, sesame, egg, fish, shellfish, animal products, salt, tree nuts, or GMOs. Suitable for vegetarians/vegans. Sealed for your protection. Do not use if seal is broken. For freshness, store in a cool, dry place.

#### References

- Turpie, A.G., Runcie, J., Thomson, T.J. (1969). *Gut*, *10*(4), 299-302. Yang, R., Wang, L.Q., Yuan, B.C., et al. (2015). *Planta Med*, *81*(18), 1654-69. Chandrasekaran, C.V., Deepak, H.B., Thiyagarajan, P., et al. (2011). *Phytomedicine*, *18*(4),
- Yehuda, I., Madar, Z., Szuchman-Sapir, A., et al. (2011). Phytother Res, 25(5), 659-67. Maria Pia, G.D., Sara, F., Mario, F., et al. (2019). Mini Rev Med Chem, 19(8), 647-56.
- Ahn, S.J., Cho, E.J., Kim, H.J., et al. (2012). Anaerobe, 18(6), 590-6.
- Maria Pia, G.D., Sara, F., Mario, F., et al. (2019). Mini Rev Med Chem, 19(8), 647-56.



#### · GUARANTEED ·

Bioclinic Naturals® products are guaranteed to meet or exceed Good Manufacturing Practices (GMP) of the U.S. Food and Drug Administration (FDA), Health Canada, and the Therapeutic Goods Administration (TGA) of Australia.





PRODUCT OF CANADA Manufactured for and distributed by Bioclinic Naturals® U S 14224 167th Ave. SE, Monroe WA, USA 98272 bioclinicnaturals.com

<sup>\*\*</sup> Daily Value not established.