



Quality is our Passion

Passion Flower (*Passiflora incarnata*)

HiPep: For Peptic & Lower Gut Health

HiPep is a unique combination of Deglycyrrhizinized Licorice root, Meadowsweet herb, Chamomile flower and Chamomile flower essential oil which supports normal digestive function.

Glycyrrhiza, glycyrrhizin and the DGL story

Since the beginning of recorded history humans have used Licorice as a remedy. The first documented traditional use can be traced back to ancient Assyrian, Egyptian, Chinese and Indian cultures.¹ Licorice (botanical name *Glycyrrhiza glabra*) root contains many important constituents including triterpene saponins (mainly glycyrrhizin) and flavonoids. Both these sets of constituents are likely to be responsible for many of the beneficial effects of Licorice root on the body such as supporting healthy respiratory system. But glycyrrhizin is also responsible for some of the adverse effects found when Licorice (including candy) is consumed in too high amounts.²

In the late 1950s, researchers in Europe and the United Kingdom made an interesting discovery about Licorice preparations and their constituents. They found that an extract of Licorice that did not contain any glycyrrhizin could also be of benefit to the body, but without the usual adverse effects. Because it did not contain glycyrrhizin, this extract was called Deglycyrrhizinized Licorice (DGL).^{2,3}

The right chamomile

There are several plants with the common name Chamomile. MediHerb uses the species that is highly regarded in Europe, *Matricaria recutita*, which has the common name, German Chamomile.⁴ Early on, this species was also used and preferred by natural clinicians in the United States.^{4,5} An important constituent of the essential oil of German Chamomile flowers is alpha-bisabolol.⁴ Chamomile essential oil is often used to boost the alpha-bisabolol content of Chamomile preparations.⁶

How HiPep Keeps You Healthy

Reduces occasional stomach acid secretions

Meadowsweet and Chamomile flower have been used traditionally to reduce occasional stomach acid secretions.^{7,8} These herbs have also been traditionally combined to relieve stomach upset caused by occasional nervous tension.⁷

Supplement Facts

Serving size:	1 tablet	
Servings per container:	40	
Amount per Serving		%DV
Calories	3	
Calcium	50 mg	5%
Deglycyrrhizinized Licorice root 12:1 extract from <i>Glycyrrhiza glabra</i> root 3.42 mg	285 mg	†
Chamomile flower 6:1 extract from <i>Matricaria recutita</i> flower 600 mg	100 mg	†
Meadowsweet herb 5:1 extract from <i>Filipendula ulmaria</i> herb 500 mg	100 mg	†
Chamomile (<i>Matricaria recutita</i>) flower essential oil	5 mg	†

† Daily Value (DV) not established.

Other ingredients: Calcium acid phosphate, cellulose, sodium starch glycolate, maltodextrin, hypromellose, magnesium stearate and silica.

Caution: Contraindicated in known allergy to plants of the daisy family. Meadowsweet should be avoided by persons hypersensitive to salicylates. Not to be used during pregnancy and lactation unless otherwise directed by a qualified health care professional.

Product No M1335 **Content** 40 Tablets



Professor Kerry Bone
MediHerb Co-Founder and
Director of Research and Development

A Phytotherapist's Passion

"Philosopher and teacher Rudolf Steiner once said that, for every human illness, somewhere in the world there exists a plant which is the cure. I believe that there is a healing potential locked inside plants which is integral with their evolution, just as it is part of human evolution to learn to tap this wonderful gift of Nature."

Promotes healthy mucosal tissue within the upper gastrointestinal tract

A clinical study found that DGL extract promoted healthy mucosal tissue in the stomach.⁹ A metabolic study involving 2 patients confirmed that DGL extract promoted healthy mucosal tissue in the stomach without producing the known adverse effects of Licorice.¹⁰

One of the ways DGL supports healthy upper gastrointestinal tissue is by increasing the resting blood flow to the mucosa.¹¹ (The mucosa lines the gastrointestinal tract and it produces mucus, a thick secretion that acts as a lubricant and protectant for the gastrointestinal wall.¹² A normal resting mucosal blood flow is necessary for the healthy functioning of the tissue.)

Promotes healthy tone and function throughout the gastrointestinal tract

DGL extract also promotes healthy tone and function within the upper gastrointestinal tract. It may do this by relieving occasional spasms.¹³

Chamomile flower has been used traditionally to relieve occasional spasm of the upper and lower gastrointestinal tract.⁸

What Makes HiPep Unique

HiPep is unique in the professional herbal products industry because:

- MediHerb tests the quantity of glycyrrhizin in Licorice raw material, ensuring only a *minimum* amount is present (so this means Deglycyrrhizinized Licorice root is used, providing the benefits of Licorice without the adverse effects of too much glycyrrhizin)
- MediHerb also tests the quantity of alpha-bisabolol in Chamomile flower essential oil

Unique Manufacture & Analytical Testing

Quality and safety ensured

- Manufactured in Australia to the high standards of international pharmaceutical Good Manufacturing Practice
- Raw materials and finished product are subjected to tough quality standards

References

- ¹ Fiore C, Eisenhut M, Ragazzi E et al. *J Ethnopharmacol* 2005; **99**(3): 317-324
- ² Olukoga A, Donaldson D. *J R Soc Health* 2000; **120**(2): 83-89
- ³ Slagel J. *Brit Med J* 1970; **2**: 177
- ⁴ Schulz V, Hansel R, Tyler VE. *Rational Phytotherapy: A Physicians' Guide to Herbal Medicine*, 3rd Edn. Springer-Verlag, Berlin, 1998.
- ⁵ Felter HW, Lloyd JU. *King's American Dispensatory*. 18th Edn, 3rd revision, Volume 2. First published 1905, reprinted Eclectic Medical Publications, Portland, 1983.
- ⁶ Blaschek W, Ebel S, Hackenthal E et al. *HagerROM 2002: Hagers Handbuch der Drogen und Arzneistoffe*. Heidelberg, Springer, 2002.
- ⁷ *British Herbal Pharmacopoeia*. BHMA, Bournemouth, 1983.
- ⁸ Weiss RF. *Herbal Medicine*, translated by Meuss AR from the 6th German Edition of Lehrbuch der Phytotherapie. Gothenburg, AB Arcanum, Sweden, 1988.
- ⁹ Rees WD, Rhodes J, Wright JE et al. *Scand J Gastroenterol* 1979; **14**(5): 605-607
- ¹⁰ Cooke WM, Baron JH. *Digestion* 1971; **4**(5): 264-268
- ¹¹ McIsaac RL, Johnston BJ, Fielding LP. *Br J Surg* 1981; **68**(11): 804
- ¹² Lazaroff M. *The Complete Idiot's Guide to Anatomy & Physiology*. Alpha, Indianapolis, 2004.
- ¹³ Tewari SN, Trembalowicz FC. *Gut* 1968; **9**(1): 48-51



Quality is our Passion

MediHerb products are developed by experts and leaders in the field of herbal therapy, using scientific evidence and hundreds of years of traditional knowledge.

Kerry Bone and over 20 health care professionals work within MediHerb while still managing their own clinical practices, plus we consult with an advisory board of health care professionals from around the world.

Our products are made using only the highest quality ingredients which are extensively tested for purity and potency. The MediHerb manufacturing plant operates to a strictly regulated pharmaceutical standard and is regularly audited by the Therapeutic Goods Administration (similar to the FDA), the same body that audits conventional pharmaceutical manufacturing facilities. The comprehensive regulations in Australia mean that you receive a safe and effective product that has been manufactured to pharmaceutical standards.

We know from our experience as health care professionals that the quality of a product you take makes a huge difference to the health outcome you experience. We dedicate ourselves to researching and making the best possible products to deliver health solutions that work.



Exclusive United States Distributor of MediHerb®

800-558-8740 www.standardprocess.com

These statements have not been evaluated by the Food & Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

www.mediherb.com

TM1335 09/14 © MediHerb® 2014. All rights reserved.