

Berberine Active

Digestion Support*

Berberine Active contains berberine derived from *Phellodendron* bark, traditionally used in Chinese herbal preparations to:

- ✓ Promote regularity of bowel function
- ✓ Support a healthy bowel environment
- ✓ Support healthy liver function
- ✓ Provide antioxidant activity
- ✓ Help overcome the negative effects of a modern lifestyle*

Berberine Active derived from *Phellodendron* bark contains 200 mg of berberine, standardized in each tablet, extracted without the use of harsh solvents and manufactured to pharmaceutical good manufacturing practice (GMP) standards.

Traditional Use

Phellodendron (*Phellodendron amurense*) bark is a species of tree of the Rutaceae family used traditionally in China, Vietnam and Korea to support healthy gastrointestinal function.¹⁻⁴ Traditional texts also advocate for the use of *Phellodendron* to support healthy liver function and as a tonic to improve the tone, vigor and function of the whole body.^{3,5-7*}

In traditional Chinese herbal preparations, *Phellodendron* is thought to have cold and bitter properties and is commonly used to drain damp heat to support a healthy gastrointestinal tract.¹ In addition to clearing heat and drying dampness, *Phellodendron* is used to support healthy liver function.^{8*}



M1650 60 Tablets

Suggested Use:

1 tablet 2-4 times daily, or as directed.

Supplement Facts			
Serving size:	1 Tablet		
Servings per container:	60		
	Amount per Serving	%DV	
Phellodendron 20:1 extract from <i>Phellodendron amurense</i> stem bark 8.8 g Containing berberine 200 mg	440 mg	†	
† Daily Value (DV) not established.			

Other Ingredients: Microcrystalline cellulose, sodium starch glycolate, croscarmellose sodium, hypromellose, magnesium stearate, dibasic calcium phosphate dihydrate and silicon dioxide.

Caution: Not to be used during pregnancy and lactation unless otherwise directed by a qualified health care professional.

Berberine – active constituent of *Phellodendron*

Berberine, the main active constituent of *Phellodendron*, is an alkaloid of the isoquinoline group and is a non-prescription herbal product in China where it has been used since the 1950s for gastrointestinal health.⁹ It is listed in the Chinese Pharmacopoeia with a recommended dosage of 300- 900 mg/day.¹⁰ Berberine has poor bioavailability when administered orally.¹¹ The accumulated berberine in the intestine may therefore support gut function due to its direct effect on the intestinal environment.*

How Berberine Active Supports Your Health:



Supports a healthy bowel environment:

- For those individuals requiring herbal support to promote healthy bowel function.*
- Phellodendron bark has been traditionally used to cleanse and promote health in the lower gastrointestinal tract and encourage a healthy gastrointestinal environment.*



Supports healthy liver function:

- For those seeking to support liver function*
- Phellodendron has been used traditionally to support healthy liver function.*



Supports a modern lifestyle:

- For those overcoming modern lifestyle challenges and who may be concerned about their diet and digestive function.*

References

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- ² The State Pharmacopoeia Commission of P.R. China Pharmacopoeia of the People's Republic of China (English version). Volume 1, China Medical Science Press, Beijing, 2010.
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- ⁵ Bensky D, Clavey S, Stoger E. *Chinese Herbal Medicine: Materia Medica*, 3rd Edn. Eastland Press, Seattle, 2004.
- ⁶ Porter Smith F, Stuart GA. *Chinese Materia Medica: Vegetable Kingdom*. Extensively revised by G.A. Stuart. American Presbyterian Mission Press, Shanghai, 1911.
- ⁷ Yen KY. The Illustrated Chinese Materia Medica: Crude Drugs. Southern Materials Center Inc, Taipei, 1980.
- ⁸ Chen JK & Chen TT. Chinese Medical Herbology and Pharmacology. Art of Medicine Press, USA, 2012, pp.145-147.
- ⁹ Zhang H, Wei J, Xue R et al. *Metabolism* 2010; **59**(2): 285-292
- ¹⁰ Pharmacopoeia of the People's Republic of China, English Edn, Volume II. Chemical Industry Press, Beijing, 1997.
- ¹¹ Gu S, Cao B, Sun R et al. *Mol Biosyst* 2015; **11**(2): 463-474



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MediHerb develops formulas focused on perfecting the balance of the highest quality ingredients to produce the highest quality herbal supplements. Our commitment to quality governs all aspects from sourcing to bottle to ensure the high standard of our herbal extracts.

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