

Thermophase Detox Essentials

Herbal And Nutritional Support For Liver Detoxification.

Quantity:

- 532 g oral powder (14 days' worth).

Benefits:

- Comprehensive formula that assists gut health, liver and cellular detoxification processes.
- Conjugating amino acids, milk thistle and green tea for liver detoxification and protection against reactive toxins.
- Low reactive, non GMO pea protein for improved patient compliance.
- Part of the Metagenics Detoxification Programs.
- Reduce toxic load by supporting gut barrier function, microbiome health and lipopolysaccharide (LPS) reactions. Glutamine may help to protect gut integrity and permeability¹ with zinc to reduce mucosal permeability, and gram negative bacterial translocation. Taurine and the Traditional Chinese Medicine herb, gardenia, support the liver, with in vitro work showing taurine to reduce LPS activation of liver Kupffer cells. Arabinogalactans from larch provide prebiotic benefits to stimulate short chain fatty acid production, and lactobacilli and bifidobacterium growth as part of a healthy gut microbiome.
- Improves cellular liver detoxification capacity: Milk thistle has been used in Western herbal medicine to assist the detoxification capacity of the liver. Silymarin inhibits β -glucuronidase activity to assist the elimination of metabolites conjugated through phase II detoxification. Green tea polyphenols also stimulate the activity of hepatic detoxification enzymes, thereby promoting detoxification of xenobiotic compounds.
- Neutralises reactive toxins: Antioxidants, such as selenium, zinc and green tea, help protect against potential free radical damage from reactive toxins formed during phase 1. Cysteine and glutamine help synthesise glutathione, a major endogenous antioxidant, to help protect cells against reactive hydroxyl free radicals. Glutathione is also a substrate for the major phase II detoxification pathway, glutathionation. Pea protein is a natural source of glutamine and glycine. Green tea has also demonstrated high antioxidant activity with an ability to scavenge hydroxyl and superoxide radicals. It is hypothesised

that green tea catechins, by decreasing the oxidative stress in cells, modulate the expression of antioxidant enzyme (AE) genes.

- Eliminates and conjugates toxins: The low reactive, non GMO high quality pea protein in Thermophase Detox Essentials supplies essential amino acids and nutrients to support major phase II conjugation pathways (Figure 1). Phase II detoxification pathways are dependent upon adequate substrates to carry out conjugation reactions. Phase II detoxification pathways transform intermediate metabolites formed from phase I detoxification to be more water-soluble and therefore more easily excreted in the bile and urine. Thermophase Detox Essentials with taurine, and the TCM herb, gardenia, assists in promoting the body's elimination of wastes via the liver and bile.

Dosage:

- Adults only: Add 1 level scoop (19 g) to 200 mL of water twice daily.

Warnings:

- Stop taking this medication if you experience tingling, burning or numbness and see your healthcare practitioner as soon as possible. [Contains vitamin B6].
- Contains zinc which may be dangerous if taken in large amounts or for a long period.
- This product contains selenium which is toxic in high doses. A daily dose of 150 micrograms for adults of selenium from dietary supplements should not be exceeded.
- Contains phenylalanine.
- Contains 21 mg total caffeine per 19 g dose. A cup of instant coffee contains approximately 80 mg of caffeine. Caffeine intake more than 200 mg per day is not recommended during pregnancy or breastfeeding.
- Vitamin and mineral supplements should not replace a balanced diet.

Price:

- \$55.80

Image:



Ingredients:

Each dose (19 g) contains:

Larix arabinogalactan (Larch)	1 g
Magnesium amino acid chelate (Meta Mag® - Magnesium bisglycinate)	1 g
Equivalent Magnesium	100 mg
Glutamine	1.5 g
Cysteine	50 mg
Taurine	350 mg
Ascorbic acid (Vitamin C)	250 mg
Zinc amino acid chelate (Meta Zn® - Zinc bisglycinate)	75 mg
Equivalent Zinc	15 mg
Calcium pantothenate (Vitamin B5)	55 mg

Nicotinamide (Vitamin B3)	50 mg
Pyridoxal 5-phosphate monohydrate (Vitamin B6)	50 mg
d-alpha Tocopheryl acid succinate	32 mg
Equivalent d-alpha-Tocopherol	25 mg
Thiamine hydrochloride (Vitamin B1)	25 mg
Riboflavin sodium phosphate (Riboflavin 5-phosphate sodium)	14 mg
Equivalent Riboflavin (Vitamin B2)	10 mg
Mecobalamin (Co-methylcobalamin) (Vitamin B12)	200 micrograms
Selenomethionine	186 micrograms
Equivalent Selenium	75 micrograms
Dry herbal extracts:	
Silybum marianum (Milk thistle), seed	86 mg
Derived from min. dry seed	6 g
Std. to Flavanolignans calculated as silybin	72 mg
Camellia sinensis (Green tea), leaf	208 mg
Derived from dry leaf	5.2 g
Gardenia jasminoides (Cape jasmine), fruit	150 mg
Derived from dry fruit	1.5 g
Soft extract:	
Dunaliella salina, cell	108 mg
Derived from min. fresh cell	67 mg
Std. to Carotenoids calculated as betacarotene (of Dunaliella salina)	2.7 mg

- Free from dairy protein, lactose, eggs, gluten, wheat, nuts, yeast, soy protein and salt. Free from artificial colours, flavours and preservatives. Sweetened with steviol glycosides.
- Excipients: Acacia, Ascorbyl palmitate, Citric acid, Colloidal anhydrous silica, D-alpha-tocopherol, Flavour, Maltodextrin, Olive oil, Pisum sativum, Purified water, Silicon dioxide, Steviol glycosides and Xanthan gum. For more information about excipients used in this product, see our full excipient list.