



— Your Trusted Source —

# Phyto-4

Introduced 2010



## What Is It?

Phyto-4 is a powerful combination of clinically researched botanicals that maintain normal immune responses by targeting immune mediators, eicosanoids and proteases to support cell and tissue health.\*

## Uses For Phyto-4

**Healthy Immune Balance:** Perluxan® is a clinically studied extract of hops specifically developed to promote joint health. In a randomized, double-blind placebo controlled trial of 36 subjects, the benefits of Perluxan® on joint comfort reached statistical significance within two hours of the first dose and were sustained over the 14-day period. Perluxan® is free of sleep-inducing and phytoestrogenic compounds typically associated with hops extracts. The alpha and iso-alpha acids in Perluxan® maintain healthy NF-kappa B-associated expression of COX-2 and cytokines such as IL-6 and TNFα in connective tissue. Curcumin complements Perluxan® through its extensively characterized effects on cytokine-mediated signal transduction, matrix metalloproteinase (MMP) expression and multiple components of the arachidonic acid cascade. Curcumin C3 Complex® is the subject of extensive ongoing clinical investigations at numerous hospitals and universities. Ginger promotes joint health through maintaining healthy cytokine signaling in cartilage and the synovium. 5-LOXIN® provides the highly bioactive triterpenoid, AKBA, which supports connective tissue structural composition and comfort through supporting healthy immune responses, 5-lipoxygenase activity and synovial matrix metalloproteinase 3 (MMP-3) levels. In a 3-month double-blind, placebo-controlled study of 75 subjects, significant functional support and comfort scores were evident as early as day 7.\*

## What Is The Source?

Proprietary hops extract is derived from *Humulus lupulus* cone. Curcumin C3 Complex® turmeric extract is derived from *Curcuma longa* root and standardized to contain 95% curcuminoids. Ginger extract is derived from *Zingiber officinale* root and standardized to contain 5% gingerols. 5-LOXIN® *Boswellia serrata* extract is derived from the gum resin and standardized to contain 30% 3-acetyl-11-Keto-beta-boswellic acid (AKBA). Ascorbyl palmitate is derived from corn dextrose fermentation and palm oil. Maltodextrin is derived from corn.

## Recommendations

Pure Encapsulations recommends 2 capsules daily, with meals.

## Are There Any Potential Side Effects Or Precautions?

If pregnant or lactating, consult your physician before taking this product. Rare side effects of boswellia or turmeric include G.I. upset, acid reflux, diarrhea or skin rash. Consult your physician for more information.

## Are There Any Potential Drug Interactions?

Ginger and curcumin may be contraindicated with blood thinning medications. Studies suggest boswellia moderates 5-lipoxygenase and therefore may interact with leukotriene inhibitors. Hops may be contra-indicated with CNS depressants. Consult your physician for more information.

## Phyto-4

two vegetarian capsules contain  V 00

Perluxan® hops extract ( <i>humulus lupulus</i> L.) (cone).....	500 mg
Curcumin C3 Complex® turmeric ( <i>curcuma longa</i> ) extract (root).....	200 mg
(standardized to contain 95% curcuminoids)	
ginger ( <i>zingiber officinale</i> ) extract (root).....	200 mg
(standardized to contain 5% gingerols)	
5-LOXIN® <i>Boswellia serrata</i> extract Indian	
frankincense ( <i>boswellia serrata</i> ) extract (gum resin).....	100 mg
(standardized to contain 30% 3-acetyl-11-keto-beta-boswellic acid (AKBA))	
ascorbyl palmitate (fat-soluble vitamin C).....	20 mg
other ingredients: maltodextrin, silica, vegetarian capsule (cellulose, water)	

**2 capsules daily, with meals.**

The Perluxan® trademark is used with permission.

Curcumin C3 Complex® is a registered trademark and patented product of Sabinsa Corporation.

**5LOXIN®** 5-LOXIN® is a registered trademark of PL Thomas – Laila Nutra, LLC and is used under license. International Patents Pending.

\*These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.