



PAIN X PLUS

Serving Size 2 Capsules
Servings Per Container 10 / 30

	Amount Per Serving
White willow bark extract (<i>Salix alba</i>) (25% salicin)	960 mg
Meriva® (proprietary blend of turmeric rhizome extract and phosphatidylcholine from soy)	250 mg
Caffeine anhydrous	130 mg

OTHER INGREDIENTS: Gelatin, rice flour, silica, titanium dioxide, sodium copper chlorophyllin.

Contains soy and natural salicylates. Avoid if allergic to salicylates.

SUGGESTED USE: As a dietary supplement, take 2 capsules per day or as directed by your healthcare professional. Dose may be repeated if necessary.

REFERENCES:

1. Chrubasik S et al. Treatment of low back pain with a herbal or synthetic anti-rheumatic: a randomized controlled study. Willow bark extract for low back pain. *Rheumatology*. 2001 Dec;40(12):1388-93.
2. Cuomo, J et al. Comparative Absorption of a Standardized Curcuminoid Mixture and Its Lecithin Formulation. *J Nat Prod*. 2011.
3. Derry CJ, Derry S, Moore RA. Caffeine as an analgesic adjuvant for acute pain in adults. *Cochrane Database Syst Rev*. 2012 Mar 14;3.
4. Marczylo TH, et al. Comparison of systemic availability of curcumin with that of curcumin formulated with phosphatidylcholine. *Cancer Chemother Pharmacol*. 2007 Jul;60(2):171-7. Epub 2006 Oct 19.
5. Srimal RC, Dhawan BN. Pharmacology of diferuloyl methane (curcumin), a non-steroidal anti-inflammatory agent. *J Pharm Pharmacol*. 1973 Jun;25(6):447-52.

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

PAIN X PLUS

NUTRITIONAL AND HERBAL SUPPORT FOR THE REDUCTION OF ACUTE PAIN*

- Provides 240 mg of salicin
- Phytosomal turmeric increases bioavailability and utilization of turmeric*
- Caffeine anhydrous enhances the overall action for acute pain modulation*

PAIN X PLUS is a targeted formulation with ingredients to help modulate acute pain. This formulation provides a unique combination of bioavailable ingredients at levels that have been shown to be clinically effective. Pain X Plus is a convenient and helpful way to support a reduction in acute pain and discomfort.*

WHITE WILLOW BARK (SALIX ALBA) is traditionally used to treat pain. The efficacy of this botanical is due mainly to the proportion of salicin present. White willow bark is present in this formulation at a 25% standardized extract; a dose of two capsules will provide 240 mg of salicin. This is the amount shown in the research to be effective at reducing low back pain. The salicin, a precursor to salicylic acid, works as an antipyretic, anti-inflammatory and as an analgesic.*

MERIVA® (proprietary blend of turmeric rhizome extract and phosphatidylcholine from soy) is a phytosomal form of turmeric, where it is bonded to phosphatidylcholine in order to increase its absorption and bioavailability. Research shows that when turmeric is bonded to phosphatidylcholine, it improves the levels of curcuminoids in the blood and the liver at least 20-fold. Studies show that turmeric modulates leukotriene synthesis, platelet aggregation, and neutrophil inflammatory response. In addition, it promotes a reduction in the activation of NF Kappa B and promotes fibrinolysis. Turmeric may potentiate endogenous corticosteroids, thus having indirect anti-inflammatory actions as well.*

CAFFEINE ANHYDROUS has been shown in studies to have a statistically significant benefit in promoting pain reduction when combined with other pain-relieving ingredients, irrespective of the pain condition or the type of analgesic. This effect was shown when the caffeine amount used was greater than 100 mg, as it is in this formulation.*