



Promoting Cartilage Health, Prolonging Vitality

What is AmLexin®

- ❖ A proprietary composition comprised of 2 standardized plant extracts
- ❖ Clinically proven to provide joint cartilage protection
- ❖ Proven to reduce oxidative stress and increase anti-oxidation capacity in clinical trials
- ❖ Clinically proven to be quicker recovery from regular exercise
- ❖ Verified efficacy and safety in multiple scientific peer reviewed publications
- ❖ Natural, standardized composition from herbs known for historical safe usage
- ❖ Patent protected

Application*

- ❖ Provides protection for joint cartilage
- ❖ Quick recovery from delayed muscle soreness after exercise
- ❖ Proven to reduce oxidative stress and increase anti-oxidation capacity

Formulation

- ❖ Can be used as an active agent in chews, tablets, capsules, powders and other delivery systems



Benefits & Claims*



- AmLexin® is a potent anti-oxidant that specifically neutralizes super oxide anion – a free radical generated by normal wear and tear
- Effectively inhibits cartilage catabolic pathways
- Shown to have cartilage protective properties
- Patent protected

In vitro Efficacy*



- Shown to be effective in an ex vivo model at reducing Glycosaminoglycan (GAG) released from articular cartilage
- Possessed significantly higher capacity to neutralize highly reactive and oxidative super oxide anion
- Reduced proinflammatory pathways and stronger 5-LOX inhibitor than Boswellia-based joint care composition

In vivo Efficacy*



- Demonstrated significant comfort promoting activity in carrageenan induced *in vivo* model
- Significant reduction in the level of urinary CTX-II indicating its cartilage sparing activity in clinical trial

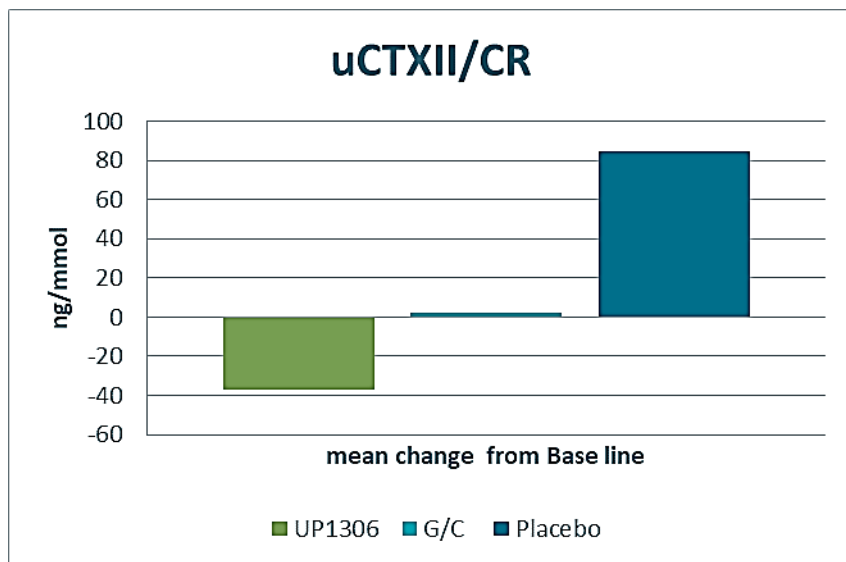


Figure 1: Figure 14. AmLexin® Significantly Reduces uCTX-II Levels vs. Placebo

Botanical Origin & Physical Properties



- Name: *Morus alba*
- Part of Plant: Root bark



- Name: *Acacia catechu*
- Part of Plant: Heartwoods

❖ Physical Properties: Brown color powder, insoluble in water

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