



DELIVER JOINT HEALTH IN FORMULATIONS WHERE TASTE MATTERS

JOINT HEALTH

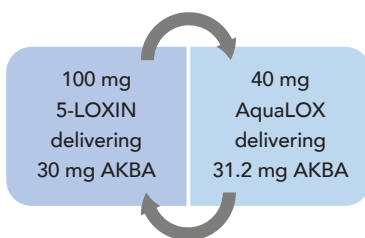


Water-Soluble, Neutral Tasting Version of 5-LOXIN® is Great for Chewables, Gummies, Beverages and Other Taste-Sensitive Formulations

- Supported by 8 pre-clinical & clinical studies
- Water soluble
- Neutral taste
- Low dosage
- Patent-pending
- Kosher, Halal, Gluten-Free
- Non-GMO

Clinically demonstrated to improve joint comfort and reduce a key cartilage-degrading enzyme, 5-LOXIN®, a potent *Boswellia serrata* extract, has become one of the best known ingredients in the joint health category. AquaLOX®, a newly developed extract – documented to have bioavailability similar to 5-LOXIN – opens up new formulation opportunities never before available. Produced using a specialized process, AquaLOX is low-dosage and water-soluble with a neutral organoleptic profile making it ideal for taste-sensitive formulations.

Now, AquaLOX has been clinically demonstrated in a PK study to be as bioavailable as 5-LOXIN, giving you the opportunity to deliver palatable joint health support across a new range of delivery formats.



GROWTH THROUGH INNOVATION



PLT
HEALTH SOLUTIONS

AQUALOX & 5-LOXIN HIGHLIGHTS

Consumers are looking for new ways to improve joint comfort – and new delivery forms that complement today's lifestyles. AquaLOX® delivers the actives they are looking for and allows for creativity in your formulations – low dosage gummies, chews, shots, beverages, and more.

Clinical research demonstrates that AKBA-rich 5-LOXIN improves joint comfort and mobility within 7 days. Additionally, it:

- Provides significant benefits in WOMAC, VAS and LFI standardized testing methodologies for joint health
- Has been shown to significantly inhibit matrix metalloproteinase (MMP-3), an enzyme that breaks down cartilage and connective tissues
- Is well-tolerated, easy on the stomach and is supported by extensive safety data

	AquaLOX (mean ± SD)	5-Loxin (mean ± SD)
AUC_{0-∞} (ng*hr/mL)	166.03 ± 71.46	144.21 ± 65.74

- In a RDBC crossover clinical trial, healthy adults took either 40 mg AquaLOX (31.2 mg AKBA) or 100 mg 5-LOXIN (30 mg AKBA) in a random order on separate occasions
- Results for AUC_{0-∞} (Area under the curve) show similar amounts of total AKBA were absorbed with each product

Product Concepts for AquaLOX	
Beverages	Liquids
Chewables	Shots
Gummies	Stick-packs



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.

Contact PLT Health Solutions for samples and more information.
+1.973.984.0900 ext. 214 • www.PLTHealth.com

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