PRUNUS4LIFE

Hepatic protection companion



Beyond antioxidants: true regulation of metabolic pathways

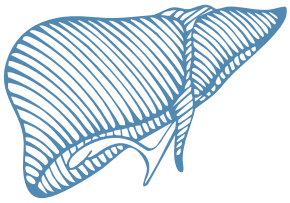
Prunus4Life redefines liver health: it is not just another antioxidant, but a clinically validated, dual-action metabolic regulator. Unlike generic "detox" botanicals, Prunus4Life directly downregulates liver cholesterol synthase and inhibits key inflammatory mediators (i-NOS, COX-2). It delivers measurable reductions in liver fat and liver enzymes within three months (247-patient study).

As the ultimate GLP-1 companion, Prunus4Life protects the liver from rapid fat dumping and restores digestive comfort with a gentle, non-stimulant prebiotic action, without the GI side effects of bulky fibers. Ready-to-market and validated by hard biomarkers, Prunus4Life is the smart choice for next-generation metabolic, detox, and longevity products.

The Core Differentiation Matrix

Feature / Benefit	Traditional Liver Ingredients (e.g., Milk Thistle, Desmodium)	Prunus4Life
Positioning	General liver "detox" and antioxidant support	Multi-target metabolic regulator + hepatic protection
Mechanism	Primarily direct cellular antioxidant pathways	Inhibits inflammatory mediators (i-NOS, COX-2) & downregulates liver cholesterol synthase
GLP-1 Compatibility	Bulky fibers or heavy extracts irritate or worsen GI slowdown	Gentle, non-stimulant prebiotic action that restores regularity without bloating
Clinical Validation	Often relies on generic, historical, or weak data	Formulated blend robustly backed by a large 247-patient cohort study
Market Readiness	Requires raw material testing, blending, and formulation	Finished, standard single-dose ready-to-market product (with choline)

I. Dual Mechanism of Action



- **Cholesterol regulation**: Downregulates cholesterol synthase enzymes directly in the liver.
- **Anti-inflammatory action**: Inhibits key inflammatory mediators, specifically i-NOS and COX-2.

Result: Systemic metabolic regulation.

II. Clinical Proof: Hard Clinical Biomarkers

In a robust cohort study of 247 patients, the Prunus4Life formula (Prunus mume standardized blend with choline) demonstrated:

- Significant, measurable reductions in liver fat
- Significant reductions in liver enzymes (AST, ALT, GGT), within 3 months
- A rebalanced systemic LDL/HDL ratio, within 3 months
- Optimized fasting blood glucose levels

III. Commercial Highlights

The Ultimate GLP-1 Companion

Most liver or metabolic products ignore the GI side effects of weight-loss drugs. Prunus4Life offers a dual action:

- **Liver protection**: Protects the liver from rapid weight-loss fat dumping.
- **Digestive comfort**: Acts as a gentle, low-dose prebiotic that fixes the bloating and constipation caused by delayed gastric emptying.

Zero R&D Friction (Plug-and-Play)

For brand managers looking for speed-to-market, Prunus4Life is a standardized, ready-to-launch finished product. It easily inserts into metabolic health, detox, or longevity lines without complex formulation delays.

Target Applications

The ingredient fits products developed for MASLD/NAFLD demographics. Look past the generic extracts and choose the ingredient validated by hard biomarkers.



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