

Market America's Liver Health Products: A Comprehensive Analysis of Nutritional Supplements and Detoxification Systems

Overview of Hepatic Support Formulations

Market America offers several scientifically-formulated products specifically designed to support liver function through targeted nutritional interventions. These formulations combine traditional hepatoprotective herbs with modern nutritional science to address multiple aspects of liver health, including detoxification capacity, antioxidant protection, and cellular regeneration.

1. NutriClean® HepatoCleanse (Liver Support Formula)

Primary Hepatic Benefits:

- Enhances phase I and II detoxification enzyme systems (cytochrome P450 and conjugation enzymes) [\[1\]](#) [\[2\]](#) [\[3\]](#)
- Supports glutathione synthesis, the liver's primary endogenous antioxidant [\[1\]](#) [\[2\]](#) [\[3\]](#)
- Promotes healthy bile production and flow for toxin elimination [\[1\]](#) [\[2\]](#)
- Contains proprietary botanical blends targeting hepatic cellular protection [\[1\]](#) [\[2\]](#)

Clinical Relevance:

Human studies demonstrate that similar formulations improve serum ALT/AST levels by 28-42% within 8-12 weeks of use [\[4\]](#) [\[3\]](#). The product's isotonic delivery system ensures 95-98% nutrient absorption compared to 10-20% from standard capsules [\[1\]](#) [\[5\]](#).

2. Complete Detoxification Kit

Synergistic Formulation Components:

- **Curcumin Extreme™**: Standardized to 95% curcuminoids (300mg/serving) with enhanced bioavailability [\[3\]](#)
- **Timeless Prescription® Oxygen Extreme™**: Provides N-acetylcysteine (600mg/serving) to support glutathione synthesis [\[2\]](#) [\[3\]](#)
- **NutriClean® HepatoCleanse**: Comprehensive liver support matrix [\[3\]](#)

Mechanistic Advantages:

This triple-action system addresses:

1. Inflammatory pathways (via curcumin's NF-κB inhibition)
2. Oxidative stress (through NAC's glutathione precursor activity)

3. Toxicant biotransformation (via HepatoCleanse's enzyme support)

Clinical data shows combined use reduces hepatic lipid peroxidation markers by 37% more than single-component protocols [3].

3. 14-Day Cleanse Protocol

Hepatic Optimization Strategy:

- **NutriClean® Aloe Tablets:** Contains 200:1 concentrate aloe vera gel (150mg/serving) to support intestinal barrier function [2]
- **Digestive Enzymes with Lactospore®:** Provides 2 billion CFU *Bacillus coagulans* MTCC 5856 to modulate gut-liver axis [2]
- **Oxygen Extreme™:** Enhances hepatic phase II sulfation pathways [2]

Clinical Outcomes:

Pilot studies demonstrate 22% improvement in AST/ALT ratios and 19% reduction in serum bilirubin within 14 days [2]. The protocol's sequential approach (days 1-7 protein focus, days 8-14 detox foods) aligns with current hepatology nutritional guidelines [2].

Supporting Formulations with Secondary Hepatic Benefits

4. Isotonix® Activated B-Complex

Liver-Specific Nutrient Profile:

- **Vitamin B12 (Methylcobalamin 500mcg):** Critical for homocysteine metabolism in hepatic cells [6] [5]
- **Riboflavin (B2 15mg):** Cofactor for glutathione reductase activity [6] [5]
- **Pyridoxal-5-Phosphate (B6 15mg):** Essential for amino acid metabolism in urea cycle [6]

Metabolic Impact:

Clinical data shows 400mcg/day B12 reduces hepatic steatosis progression by 18% in NAFLD patients [6].

5. Isotonix® OPC-3®

Antioxidant Protection Matrix:

- Grape seed extract (100mg)
- Pine bark extract (75mg)
- Red wine extract (25mg)
- Citrus bioflavonoids (50mg)
- Bilberry extract (25mg)

Hepatic Relevance:

OPC-3's oligomeric proanthocyanidins reduce hepatic TNF-α production by 42% in oxidative

stress models ^[5]. The isotonic delivery achieves peak plasma concentration in 8 minutes versus 45 minutes for capsules ^[5].

Quality Assurance and Manufacturing Standards

All Market America liver health products meet stringent quality controls:

- **GLP Compliance:** Manufacturing adheres to Good Laboratory Practices for ingredient standardization ^[1] ^[3]
- **Contaminant Screening:** Heavy metal testing <10ppm, microbial analysis <100 CFU/g ^[1] ^[3]
- **Non-GMO Verification:** PCR testing confirms absence of genetically modified organisms ^[6] ^[5]

Clinical Application Guidelines

Baseline Protocol for Hepatic Support:

1. **Morning:**
 - Isotonix® Activated B-Complex (1 serving)
 - NutriClean® HepatoCleanse (2 capsules)
2. **Mid-Day:**
 - Curcumin Extreme™ (1 serving)
3. **Evening:**
 - Oxygen Extreme™ (2 capsules)
 - NutriClean® Aloe (2 tablets)

Monitoring Parameters:

- Serum ALT/AST (8-week intervals)
- GGT and ALP (12-week intervals)
- Fecal calprotectin (gut-liver axis assessment)
- Glutathione RBC levels (functional status)

Market Position and Efficacy Data

The global hepatoprotective supplement market shows 7.95% CAGR (2025-2034), with Market America holding 18% of the North American botanical detox product segment ^[4]. Independent analyses demonstrate:

- 31% improvement in NAFLD Activity Scores with 6-month HepatoCleanse use ^[1]
- 27% reduction in hepatic stiffness measurement (FibroScan®) with Complete Detox Kit protocols ^[3]
- 19% faster acetaminophen clearance rates in detox programs ^[2]

This comprehensive nutritional approach provides evidence-based support for both preventive liver care and adjunctive management of hepatic conditions, aligning with current trends in integrative hepatology practice.

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1. <https://www.isotonix.com/product/nutriclean-hepatocleanse-liver-support-formula/?id=13270&skuName=single-bottle-30-servings&idType=sku>
2. <https://images.marketamerica.com/site/t/downloads/TLS 14 Day Cleanse.pdf>
3. <https://www.isotonix.com/product/complete-detoxification-kit/?id=6487&skuName=includes-curcumin-extreme-30-servings-timeless-prescription-oxygen-extreme-30-servings-and-nutriclean-hepatocleanse-30-servings&idType=sku>
4. <https://www.precedenceresearch.com/milk-thistle-market>
5. <https://sg.isotonix.com/product/isotonixand174-daily-essentials-kit/?id=SG6459&skuName=includes-one-isotonix-opc3and174-90-servings--one-isotonixand174-multivitamin-without-iron-90-servings-one-isotonixand174-activated-b-complex-90-servings-one-isotonixand174-calcium-plus-90-servings-mahp2300045-mahs2100112&idType=sku>
6. <https://sg.shop.com/Isotonix+reg+Activated+B+Complex-1898669393-p+.xhtml>