

Executive Summary

Origin

United BioScience was founded in 2024 as a spin-off from extraktLAB, a technology company specializing in ultra-clean food, pharmaceutical, and nutraceutical processing solutions. extraktLAB has engaged many brands in pilot ingredient & formulations development but does not manufacture ingredients. United BioScience was established to meet this growing demand, providing clean-label, pilot-to-scale ingredient solutions underpinned by proprietary platform processing technologies.

The Problem

The supplement industry faces major safety and quality concerns:

- 90% of supplements are contaminated with lead and heavy metals.
- Over 80% of extracted ingredients contain toxic processing chemicals.
- Popular soy-based liposomes may suppress immunity and cause inflammation.



Our Solution: Clean Ingredient Platforms



United BioScience provides two transformative ingredient platforms:

1. **SNOB™**
Ingredients (Safe, Natural, Organic, Better-for-you)

- Eliminates harmful solvents/toxins.
- Applicable to

80% of market ingredients.

- Supports synergistic performance ("Functional Double Down").
- **Key extracts:** cinnamon, mushrooms, ashwagandha, chamomile, hemp seed protein, cocoa, green coffee, kava, vanilla, capsaicin.

2. **AbsoluteNano™** Ingredients

- Converts oils into water-soluble, **non-soy, non-allergenic** formats.
- Enhances bioavailability with no immune or inflammatory risks.
- **Key ingredients:** Vitamin D, A, E, K2, CoQ10, natural caffeine.

Manufacturing Capabilities

- Ingredients:
 - AbsoluteNano™: 5 tons/day
 - SNOB™: 5 tons/day
- Finished Goods:
 - Gummies: 50K/hour
 - Liquids: 12K units/hour
 - Softgels: 100K/hour
 - Stick Packs: 5K units/hour

Key Advantages

- Unique, science-backed, clean-label ingredients
- Ultra Sustainable, Cyclic, & Upcycled
- Compatible with high-growth market demands (20%+ CAGR)
- Certifications include USDA Organic, 21 CFR Part 117 & 111

Target Applications

- Immunity: Mushroom extracts, vitamins
- Weight Loss: MCTs, capsaicin, plant protein
- Energy/Mood: Coffee, kava, ashwagandha
- Cellular Health: Quercetin, DNA-protective compounds
- Pre/Post biotics: Beta-glucans, inulin

Market Opportunity

- Natural product growth: +6.6% in 2024 (vs. -1.1% conventional in 2025)
- Functional beverage growth: 10.5% CAGR (\$152B market)
- Ingredient CAGR: Digestion (+34%), Mood (+62%), Detox (+17%), Hydration (+27%)

Team

Led by scientists with PhDs in analytical chemistry and oil processing, backed by proprietary tech and modern facilities for dosage forms including gummies, softgels, liquids, and powders.