SKU-A3: Zero-G Hepato-Metabolic Shield

Sub-100nm Microfluidic Liposomal Series | MOQ 1,000 Units | cGMP / ISO 22000 / Halal

71.4 nm Nano-Solubilized Dihydromyricetin (DHM), Silybin Phytosome & Enteric Liposomal Glutathione Complex Structure/Function Claim Scope: Supports normal hepatic antioxidant pathways, intracellular glutathione replenishment, and healthy metabolic balance.*

1. STANDARDIZED BIOACTIVE COMPLEX & LIPOSOMAL DELIVERY PROFILE

Bioactive Complex Class	Amorphous Nano-Solubilized Flavonoid (DHM) + Silybin Phospholipid Complex + pH-Protected Liposomal Reduced Glutathione
Commercial OEM Format	15 × 25 mL Liquid Liposomal Rip-Pouches or Flash-Dispersible Beverage Strips / Box
Encapsulation Architecture	High-Shear Sub-Millisecond Microfluidic Phospholipid Vesicles (Food-Grade)
Median Vesicle Diameter (d50)	71.4 nm Monodisperse Unilamellar Liposomes (DLS Verified)
2h Simulated Gastric (pH 1.5·2.0)	86.9% Intact Payload Retention (vs. 9.3% Unencapsulated)
Relative Bio-Delivery Gain	7.2× Apparent Transmembrane Permeability vs. Conventional Blend
24-Month Accelerated Assay	96.2% Active Retention @ 25 °C / 60% RH

2. STABILITY OVERVIEW & PROPRIETARY DATA GOVERNANCE

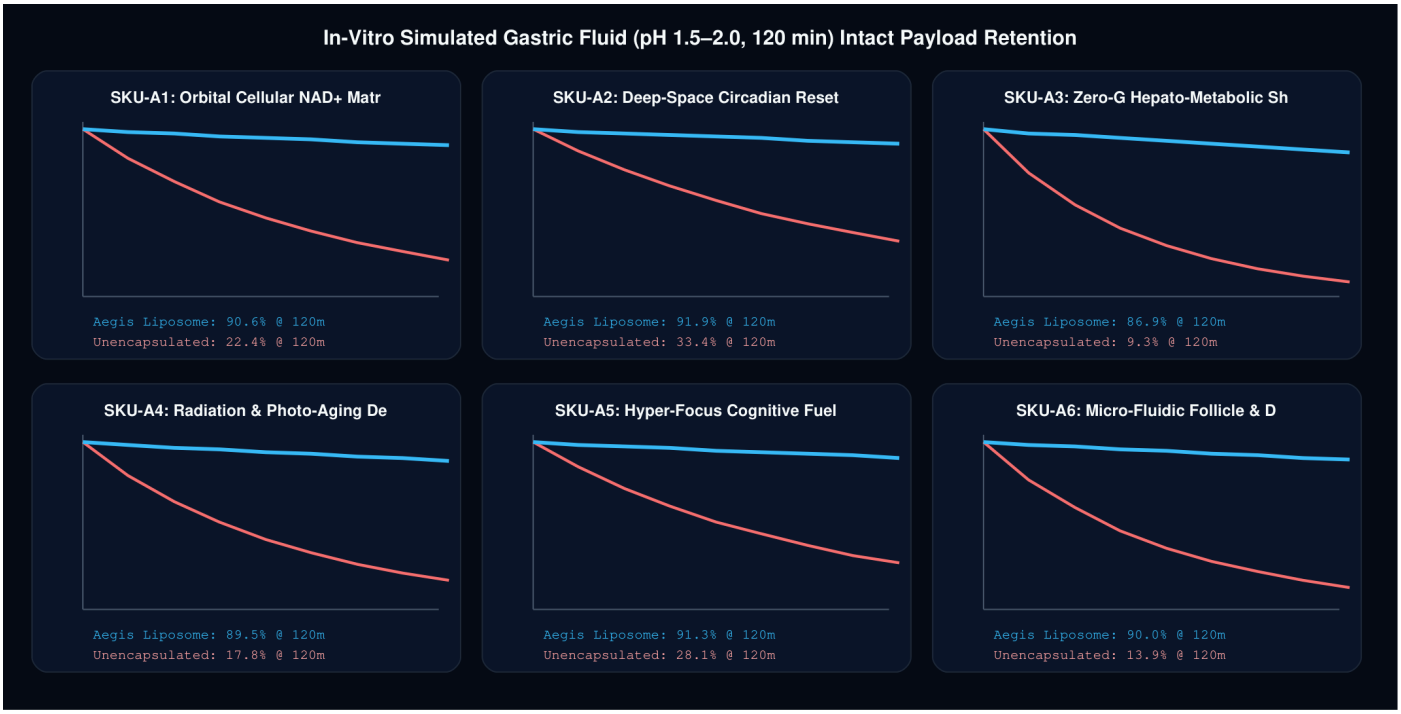
? Formulation Challenge Addressed: Unprotected oral tripeptides undergo >88% enzymatic cleavage in gastric fluid, while raw botanical flavonoids precipitate out of aqueous suspension.

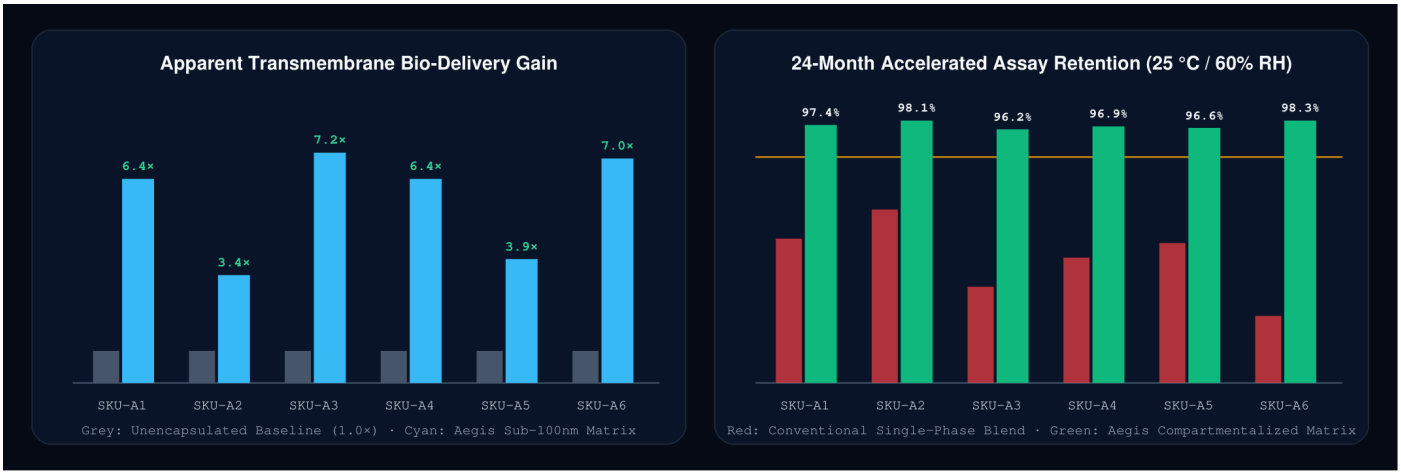
? Stabilization Overview: pH-responsive phospholipid bilayers prevent premature luminal cleavage and lock hydrophobic flavonoids in a stable colloidal dispersion.
? Confidentiality Note: Exact quantitative milligram ratios, excipient grades, and batch CoA parameters are provided exclusively to verified clinic dispensaries and B2B brand partners.

3. LICENSED CLINIC DISPENSARY & PRIVATE LABEL PARTNERSHIP DESK

? Wholesale & Private Label Supply: MOQ 1,000 Units (Confidential Tiered B2B Schedule ? Suggested Dispensary Benchmark: $99 ? $129 USD / Box)
? Physician & Director Evaluation Kit: $289 USD 6-in-1 Full-Size Box via DHL/FedEx Air Express (100% credited on first 1,000-unit PO)
? B2B Concierge: Elena Vance <concierge@aegisinbio.com> | Formulation Lab: Dr. Marcus Sterling <research@aegisinbio.com>

*FDA DSHEA / EU EFSA REGULATORY NOTICE: These statements have not been evaluated by the FDA. This product is a specialty dietary supplement (or external cosmetic essence for SKU-A6) for daily nutritional support and is not intended to diagnose, treat, cure, or prevent any disease.





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