SKU-A2: Deep-Space Circadian Reset

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

Melatonin-Free Sub-100 nm Phospholipid GABA, L-Theanine & Chelated Magnesium Evening Architecture Matrix
Structure/Function Claim Scope: Supports calm evening relaxation, healthy circadian sleep architecture, and clear-headed morning alertness without exogenous hormones.*

1. STANDARDIZED BIOACTIVE COMPLEX & LIPOSOMAL DELIVERY PROFILE

Bioactive Complex Class	Hormone-Free Phospholipid-Encapsulated GABA + L-Theanine + Buffered Chelated Magnesium Botanical Complex (0.0 mg Melatonin)
Commercial OEM Format	30 Fast-Melt Sublingual Tablets or Evening Botanical Stick Drinks / Box
Encapsulation Architecture	High-Shear Sub-Millisecond Microfluidic Phospholipid Vesicles (Food-Grade)
Median Vesicle Diameter (d50)	92.6 nm Monodisperse Unilamellar Liposomes (DLS Verified)
2h Simulated Gastric (pH 1.5·2.0)	91.9% Intact Payload Retention (vs. 33.4% Unencapsulated)
Relative Bio-Delivery Gain	3.4× Apparent Transmembrane Permeability vs. Conventional Blend
24-Month Accelerated Assay	98.1% Active Retention @ 25 °C / 60% RH

2. STABILITY OVERVIEW & PROPRIETARY DATA GOVERNANCE

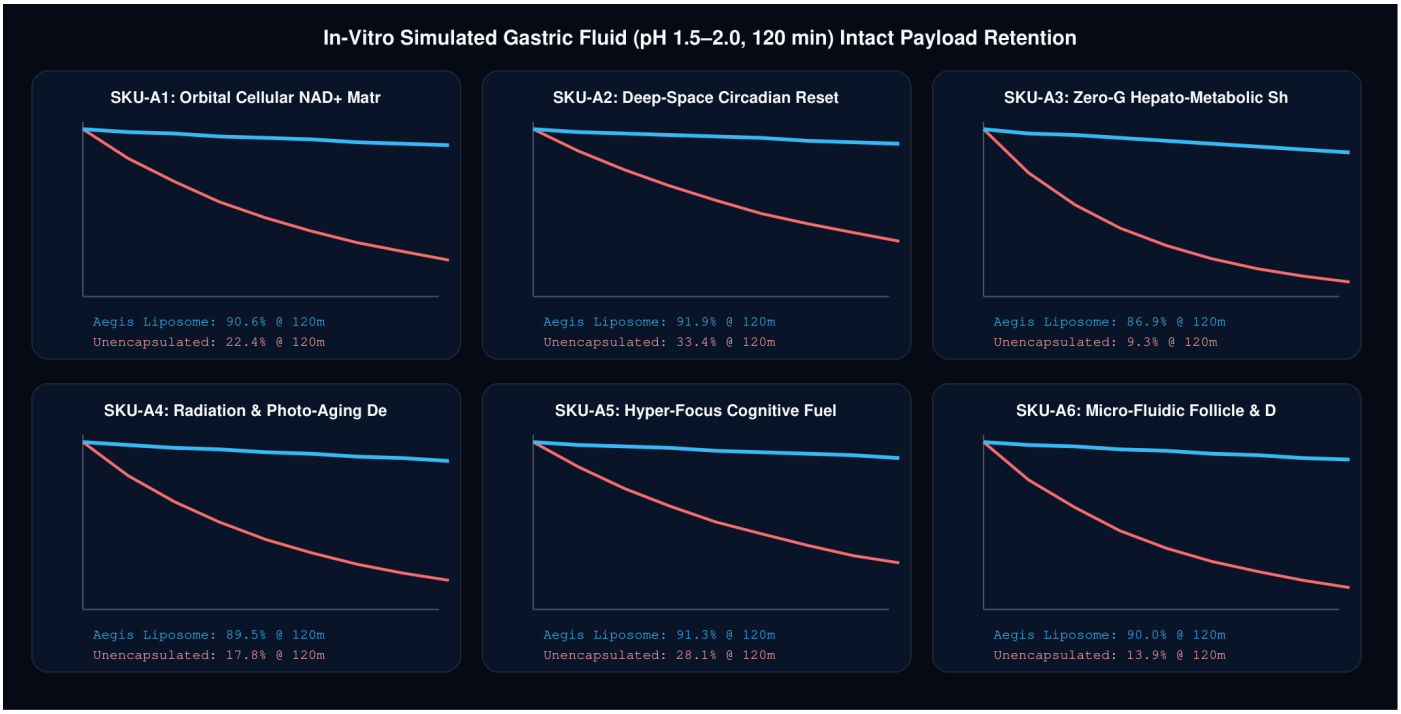
? Formulation Challenge Addressed: Megadose melatonin formulations trigger receptor desensitization and morning grogginess, while unencapsulated polar amino acids exhibit poor mucosal transport.

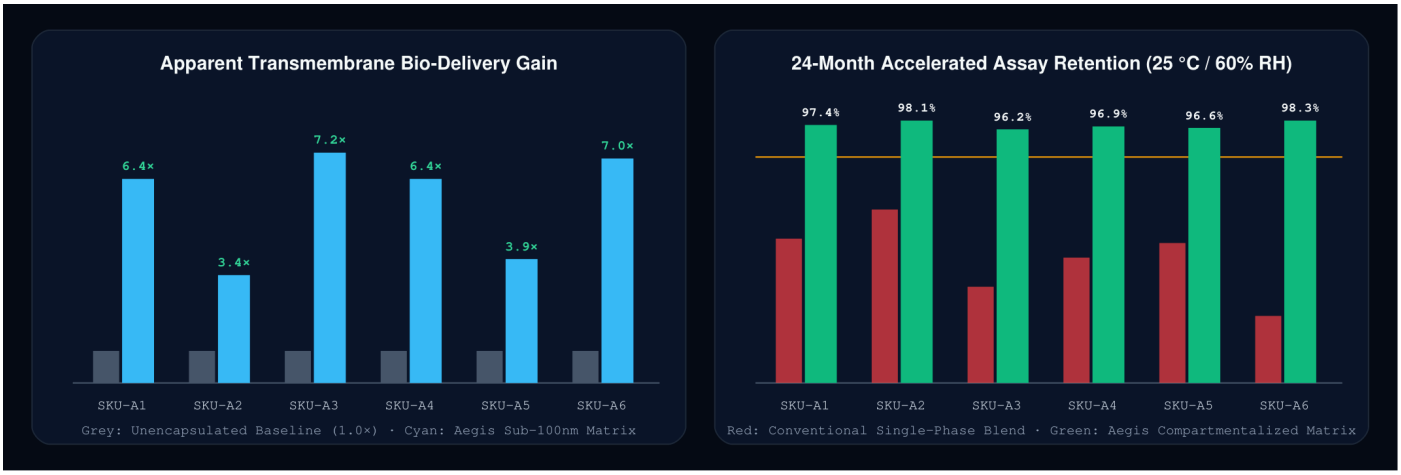
? Stabilization Overview: Food-grade sunflower phospholipid nano-vesicles shield polar relaxation cofactors across gastric transit without relying on synthetic sedatives or exogenous hormones.
? Confidentiality Note: Exact quantitative milligram ratios, excipient grades, and batch CoA parameters are 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: $89 ? $109 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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