100% Plant-Starch Vegan Twist-Off Facial Serum Softgel Capsules — Engineering TDS

0.30mL–0.80mL Tapioca Starch + Seaweed Polysaccharide Shell · Zero Animal Gelatin · Nitrogen-Blanketed Rotary Die

Verified Corporate & GMP Baseline:
- **Operating Entity:** Guangzhou Yanmei Bio-Technology Co., Ltd. (Tax / Credit ID: `91440106050647021B`)
- **Registered Hub:** Room 801-A, Bldg 8, Plot 5, No. 12 Lvgang 5th St, Huadu Airport Zone, Guangzhou, China
- **Group GMP Credentials:** Parent Co. Fujian Yanse Cosmetics Co., Ltd. holds Bureau Veritas ISO 22716 (`CNSH25778319-ISO22716`), US FDA Cosmetic GMP (`CNSH25778319-USFDA`) & License `闽妆20250005`
- **Sample SLA:** Stock Benchmark Kit in **48 Hours** · Custom Lab Counter-Sample in **7–10 Days** (200% PO Rebate)



1. Multi-Layer Barrier & Unit-Dose Process Architecture

LAYER 1	LAYER 2	LAYER 3	LAYER 4	LAYER 5
Opaque TiO2-Free UV Shield Pigment	Tapioca Starch Polymer Network	Seaweed Polysaccharide Thermal Matrix	N2 Headspace (<1.5% O2)	Anhydrous Active Serum Core (Aw<0.25)

2. Standard Stock-Tooling SKU Matrix, Agile MOQs & Export Carton CBM

Format / Variant	Barrier & Formulation Specification	Agile Pilot MOQ	Lead Time	Export Logistics
0.35mL Heart / Teardrop	20% Vitamin C (THD Ascorbate) + Vitamin E	**10,000 Capsules ($0 Die)**	12–16 Days	6 Cartons / 0.22 CBM per 10k
0.40mL Classic Twist-Off	Anhydrous Retinol (0.3%–1.0%) + Ceramide NP	**10,000 Capsules ($0 Die)**	12–16 Days	6 Cartons / 0.22 CBM per 10k
0.45mL Micro Eye Capsule	Acetyl Hexapeptide-8 + Bakuchiol + Squalane	**10,000 Capsules ($0 Die)**	12–16 Days	6 Cartons / 0.22 CBM per 10k
0.50mL–0.80mL Neck & Face	Blue Tansy + Ectoin Barrier Repair Oil	**50,000 Custom Pantone**	16–20 Days	7 Cartons / 0.25 CBM per 10k

3. Quantitative Laboratory Quality Control & Transit Validation Gates

Inspection Gate	Test Method / Equipment	Acceptance Specification	Commercial Benefit
ICH Accelerated Thermal	90-Day Chamber Testing	`45°C / 75% RH Continuous`	Zero Shell Softening or Cross-Linking

Inspection Gate	Test Method / Equipment	Acceptance Specification	Commercial Benefit
Ocean-Freight Peak Heat	72-Hour Container Thermal Spike	`60°C – 65°C Dry Heat`	Zero Capsule Clumping in Jars
Seam Thickness & Crush	Optical Seam Gauge & Force Tester	`±0.03 mm Seam · ≥ 35 N Crush`	Zero Oil Weeping · Easy Hand Twist
Oxidation Protection	Headspace GC & Peroxide Value	`Residual O2 < 1.5% · Aw < 0.25`	≥97% Retinol/VC Potency at 24 Months

Direct B2B OEM/ODM Engineering & Quotation Desk — Alex Gao:
• **Email:** alex@yanmeicos.com | **WhatsApp / Direct:** +86 177 0196 2698 | **Web Configurator:** https://yanmeicos.com
• **Export Regulatory Support:** Full COA, 16-Section MSDS, Stability & Challenge Test Reports, US FDA MoCRA, EU EC 1223/2009 PIF/CPNP, UK SCNP, GCC SFDA/Montaji & EAEU TP TC 009/2011 Dossiers. Bilateral NNN Confidentiality Agreements executed on request.