GUANGZHOU AIMO PET PRODUCTS CO., LTD. · ISO 22716 GMPC & ISO 9001 OEM/ODM DOSSIER (AIMO-TDS-N50-2026)

System 6 Technical Data Sheet: N50 2.0 Smart Litter Box Deodorizer Gel

Persimmon Tannin + Zinc Ricinoleate Chelation Solid Hydrogel · JEM 1467 96.4% Ammonia Neutralization

1. Executive Engineering Summary & Co-Manufacturing Advantage

Engineered specifically as a recurring subscription consumable for automatic self-cleaning cat litter boxes (1:1 dimensional compatibility with Petkit PuraMax / Pura X N50 slots, Whisker Litter-Robot 3/4 odor trap bays, Catlink, and Neakasa) as well as 212g–300g standalone household odor gels.

2. SKU Architecture, Technical Parameters, Pilot MOQ & Reference FOB Guangzhou Pricing

SKU / System	Packaging Format	Key Formulation & Engineering Spec	Pilot MOQ	Ref. FOB USD
N50-2.0 Standard Cartridge	30g / 47g Snap-Fit Breathable ABS/PP Pod	1:1 Fit for Petkit PuraMax / Pura X & Universal Drawer Bays	1,500 – 3,000 pcs	USD $0.52 – $0.78 / pc
N50-3PK Retail Multipack	3 × 30g/47g Pods in Alu-Foil Barrier Pouches	PET12/AL7/PE50 Zero-Moisture-Loss Pouch + Full-Color Retail Box	1,000 – 3,000 Boxes	USD $1.65 – $2.25 / box
LR-Trap Universal Gel Puck	40g / 60g Breathable Membrane Disc	Fits Whisker Litter-Robot 4 Filter Pocket & Catlink Scooper	2,000 – 5,000 pcs	USD $0.55 – $0.82 / pc
KR-Jar Solid Deodorizer Gel	212g / 300g Wide-Mouth PET/Glass Jar	45–60 Day Continuous Household & Litter Area Ammonia Elimination	1,500 – 3,000 Jars	USD $1.05 – $1.58 / jar

3. Laboratory Verification, Quality Assurance & Global Regulatory Compliance

24h Ammonia (NH3) & H2S Reduction	≥96.4% NH3 Reduction & ≥94.1% H2S / Methyl Mercaptan Reduction (JEM 1467 Headspace GC Verified)
High-Temp Container Stability	55°C / 72h Sea-Container Thermal Cycling: Syneresis (Water Weeping) < 1.2%; Zero Liquefaction
Feline Hepatic Safety Profile	0% Phenols, 0% Tea Tree Oil, 0% Clove/Eugenol, 0% Free Formaldehyde, 0% Quaternary Ammonium Biocides
US / EU / KR Regulatory Pathway	100% Exempt from US EPA FIFRA & EU BPR Art. 95 (Pure Physicochemical Chelation); K-REACH Ready

4. Two-Stage Golden 5-Minute RFQ & 5–7 Day Sample Dispatch Protocol

- **Stage-1 Instant Quote (Within 5 Min – 2 Hours)**: Email **alex@aimopet.com** or WhatsApp **+86 150 1420 2977** with your target system and volume tier (1,000 / 3,000 / 10,000 units) for an immediate itemized FOB & DDP landed cost matrix.
- **Free 7-System Sample Kit**: Ready in our Guangzhou sample room for dispatch within 5–7 business days via DHL/FedEx.