



TECHNICAL DATA SHEET

Product Name: Liposomal Resveratrol Powder (60%-65%)

Brand Name: LiposoMore™

Manufacturer: Joyful Nutritional Supply Co., Ltd.

Website: www.joyfulnutritional.com

Email: sales@joyfulnutritional.com

1. Product Details

- Product Name: Liposomal Resveratrol Powder
- Purity: 60%–65% Resveratrol
- Delivery Form: Free-flowing light beige to tan powder
- Liposomal Technology: High-efficiency encapsulation using phospholipids
- CAS Number: 501-36-0
- Molecular Formula: C₁₄H₁₂O₃
- Molecular Weight: 228.25 g/mol
- Botanical Source: Polygonum cuspidatum (Japanese Knotweed), natural extract

2. Product Description

Liposomal Resveratrol Powder (60%–65%) utilizes advanced liposome encapsulation to significantly enhance the bioavailability, stability, and solubility of resveratrol—a powerful antioxidant and polyphenol. The liposomal delivery system helps protect the active ingredient through the digestive tract, enabling higher absorption into the bloodstream. This product is suitable for use in dietary supplements, functional foods, and nutraceutical formulations targeting anti-aging, cardiovascular health, and cellular protection.

3. Specifications

Item	Specification
Appearance	Light beige to tan powder
Purity (Resveratrol)	60.0% – 65.0% (HPLC)
Particle Size	D90 < 200 µm

Loss on Drying	≤ 5.0%
Heavy Metals	≤ 10 ppm
Arsenic (As)	≤ 1.0 ppm
Lead (Pb)	≤ 1.0 ppm
Total Plate Count	≤ 1,000 CFU/g
Yeast & Mold	≤ 100 CFU/g
E. coli	Negative/10g
Salmonella	Negative/25g
Solubility	Dispersible in water
Encapsulation Efficiency	≥ 85%

4. Applications

- Dietary supplements (capsules, sachets, tablets)
- Functional beverages and smoothies
- Anti-aging formulations
- Cardiovascular health products
- Skin and beauty supplements

5. Benefits of Liposomal Resveratrol

- Enhanced bioavailability via liposomal absorption
- Improved solubility and stability
- Supports cardiovascular and brain health
- Acts as a potent antioxidant for anti-aging and cellular protection
- Suitable for vegan and non-GMO formulations

6. Packaging & Storage

Packaging: 1 kg/foil bag, 10 kg/carton or as per customer request

Storage Conditions: Store in a cool, dry place. Avoid direct sunlight.

Shelf Life: 24 months when properly stored in original packaging

7. Regulatory & Quality

- Manufactured under ISO 9001 & HACCP standards
- Complies with GMP requirements

- Allergen-free, non-GMO, vegan-friendly
- Third-party tested for purity and safety