

Technical Data Sheet (TDS)

Reference Template — Botanical Extract / Functional Ingredient

Product Name	Sample Botanical Extract (SAMPLE)
Latin / Source	SAMPLE — replace with actual botanical
Specification	Standardized extract, marker-declared (SAMPLE values)
Appearance	Fine, free-flowing powder
Particle Size	80 mesh pass ≥ 95%
Moisture	≤ 5.0%
Heavy Metals	Pb ≤ 2 / As ≤ 1 / Cd ≤ 1 / Hg ≤ 0.1 ppm
Microbiology	TPC ≤ 1000; Yeast/Mold ≤ 100; E.coli/Salmonella negative
Shelf Life	24 months in original sealed package, cool & dry
Packaging	1 kg / 5 kg / 25 kg foil bag or fiber drum
Certifications	ISO 9001 / GMP / HACCP; Halal / Kosher / Organic per grade

Typical Applications

Nutraceuticals (capsules, tablets, stick packs), functional foods & beverages, and cosmetic actives. Formulation guidance (solubility, stability, dosage) provided on request.

Quality & Compliance

Each batch is tested by HPLC/UV, heavy metals, microbiology and residual solvents. COA, SDS and TDS supplied with every order. This TDS is a SAMPLE template with placeholder values — final values are batch-specific.

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