



Ginkgo Biloba Extract – Technical Data Sheet (50:1, 24/6)

INCI Name	Ginkgo Biloba Leaf Extract
Botanical Source	Ginkgo biloba L. – Leaf
Specification	50:1 (24% Flavone Glycosides, 6% Terpene Lactones), Ginkgolic Acid <1 ppm (HPLC)
Physical Form	Yellow-brown fine powder
Smell	Characteristic, slightly bitter
Solubility in Water	~10–20 g/L at 45–60 °C with stirring
Solubility in Oil	Insoluble
Recommended Solubilization Method	<ul style="list-style-type: none">- Dissolve in warm deionized water (~50–60 °C)- Stir continuously for 5–10 minutes- Adjust pH to 5–7 if needed- Filter if solution is turbid
Cosmetic Functions	Antioxidant, skin conditioning, soothing
Recommended Use Level	0.5–2% (water phase)
Preservation/Handling	Store in a tightly closed container in a cool, dry, dark place
Shelf Life	24 months in original unopened packaging under proper storage
Toxicity Criteria	
NOAEL	140 mg/kg bw/day (oral, rat, 90-day study, low ginkgolic acid)
LD50	>5000 mg/kg bw (oral, rat)
Genotoxicity	No genotoxicity observed at low ginkgolic acid levels (<1 ppm)