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CERTIFICATE OF ANALYSIS (COA)

Product Name	CINNAMON BARK HYDROSOL (COSMETIC GRADE)
Botanical Name	Cinnamomum zeylanicum
Product Code	GF2240
CAS #	84649-98-9, 532-32-1, 24634-61-5
INCI Name	Cinnamomum Zeylanicum (Cinnamon) Bark Water, Sodium Benzoate, Potassium Sorbate

Batch #	22402606
Manufacturing Date	Jun 2026
Best Before Date	Jun 2027

Part Used	Bark
Extraction Method	Steam Distillation
Quality	Cosmetic Grade

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Clear, colorless to slightly cloudy liquid with characteristic cinnamon bark aroma	Complies
Water Solubility	Soluble	Complies
Alcohol Solubility	Soluble	Complies
Oil Solubility	Insoluble	Complies
pH @ 20°C	4.5 – 7.0	5.42
Specific Gravity @ 20°C	0.98 – 1.02	1.001
Refractive Index @ 20°C	1.300 – 1.350	1.334
Flash Point (°C)	> 200	> 200

HEAVY METAL TESTS	SPECIFICATIONS	RESULTS
Lead (Pb)	Not Detected	Not Detected
Cadmium (Cd)	Not Detected	Not Detected
Copper (Cu)	Not Detected	Not Detected
Arsenic (As)	Not Detected	Not Detected
Mercury (Hg)	Not Detected	Not Detected

MICROBIOLOGICAL TESTS	SPECIFICATIONS	RESULTS
Total Plate Count	NMT 100 cfu/g	Complies
Yeast / Moulds	NMT 10 cfu/g	Complies



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Escherichia coli	Absent	Absent
Salmonella spp.	Absent	Absent
Pseudomonas aeruginosa	Absent	Absent
Staphylococcus aureus	Absent	Absent

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