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CERTIFICATE OF ANALYSIS

Product Name	CUCUMBER HYDROSOL
Botanical Name	Cucumis sativus
Product Code	PFW3021
CAS #	89998-01-6
EINECS #	289-738-4
INCI Name	Cucumis Sativus (Cucumber) Distillate Water

Batch #	30212501
Manufacturing Date	JANUARY 2025
Best Before Date	DECEMBER 2025

Part Used	Fruit
Extraction Method	Steam Distilled Hydrosol
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Clear colorless to slightly cloudy liquid	CONFORMS
Odour	Light cooling, crisp aroma of fresh cucumbers	CONFORMS
Specific Gravity (g/mL)	0.980 - 1.020 @ 25°C	CONFORMS
Refractive Index	1.300 - 1.350 @ 20°C	CONFORMS
pH	4.50 - 7.00	CONFORMS
Solubility	Soluble in water and alcohol; Insoluble in fixed oils	CONFORMS

Comments	Odour quality is excellent
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<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149	CONFORMS
Yeast and Mould	< 10 CFU/g	ISO 16212	CONFORMS
Candida albicans	ABSENT / 1g	ISO 18416	CONFORMS
Escherichia coli	ABSENT / 1g	ISO 21150	CONFORMS
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717	CONFORMS
Staphylococcus aureus	ABSENT / 1g	ISO 22718	CONFORMS

<u>HEAVY METAL TESTS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
Lead: Pb (mg/kg or ppm)	< 10 ppm	na	CONFORMS
Arsenic: As (mg/kg or ppm)	< 2 ppm	na	CONFORMS
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na	CONFORMS

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. These are best stored in the refrigerator. When stored for more than 12 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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