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## **CERTIFICATE OF ANALYSIS**

Product Name	VANILLA HYDROSOL
Botanical Name	Vanilla planifolia
Product Code	PFW3110
CAS#	84650-63-5
EINECS#	283-521-8
INCI Name	Vanilla Planifolia (Vanilla) Fruit Water

Batch #	31102501
Manufacturing Date	JANUARY 2025
Best Before Date	DECEMBER 2025

Part Used	Bean Pods (Fruits)	
Quality	100% Pure and Natural	

<u>PROPERTIES</u>	SPECIFICATIONS	RESULTS
Appearance	Clear colorless to slightly cloudy liquid	CONFORMS
Odour	Mild, sweet, creamy aroma	CONFORMS
Specific Gravity (g/mL)	0.980 - 1.020 @ 25°C	CONFORMS
Refractive Index	1.300 - 1.350 @ 20°C	CONFORMS
рН	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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MICROBIAL ANALYSIS	SPECIFICATIONS	<u>STANDARDS</u>	RESULTS
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

HEAVY METAL TESTS	<b>SPECIFICATIONS</b>	STANDARDS	RESULTS
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.