

## CERTIFICATE OF ANALYSIS (COA)

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

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

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

<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

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