



## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>ROSE HYDROSOL</b>
<b>Botanical Name</b>	Rosa damascena
<b>CAS #</b>	90106-38-0
<b>EINECS #</b>	290-260-3
<b>INCI Name</b>	Rosa Damascena (Rose) Distillate Water

<b>Batch #</b>	30512402
<b>Manufacturing Date</b>	FEBRUARY 2024
<b>Best Before Date</b>	JANUARY 2025

<b>Part Used</b>	Flower Petals
<b>Extraction Method</b>	Steam Distilled Hydrosol
<b>Quality</b>	100% Pure and Natural

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

<u>HEAVY METAL TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
<b>Lead (Pb)</b>	na	NOT DETECTED
<b>Cadmium (Cd)</b>	na	NOT DETECTED
<b>Copper (Cu)</b>	na	NOT DETECTED
<b>Arsenic (As)</b>	na	NOT DETECTED
<b>Mercury (Hg)</b>	na	NOT DETECTED

<b><u>MICROBIAL ANALYSIS</u></b>	<b><u>SPECIFICATIONS</u></b>	<b><u>STANDARDS</u></b>	<b><u>RESULTS</u></b>
<b>Aerobic Mesophilic Bacterial Count</b>	< 1000 CFU/g	ISO 21149	CONFORMS
<b>Yeast and Mould</b>	< 100 CFU/g	ISO 16212	CONFORMS

<b>Comments</b>	Odour quality is excellent
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**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.**