

CERTIFICATE OF ANALYSIS

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|-----------------------|------------------------------|
| Product Name | Cucumber Hydrosol |
| Botanical Name | Cucumis Sativus |
| INCI Name | Cucumis Sativus Flower Water |
| CAS Number | 89998-01-6 |

| | |
|---------------------------|---------------|
| Batch # | 30212603 |
| Manufacturing Date | MARCH 2026 |
| Best Before Date | FEBRUARY 2027 |

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|--------------------------|--------------------------|
| 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 | Refreshing, 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 |

| <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 |

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| <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.