

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Geranium Essential Oil
2. INCI Name	Pelargonium Graveolens Flower Oil
3. CAS No	8000-46-2
4. Mfg. Date	As on Label
5. Date Of Exp	3 Years from Mfg
6. Date of Analysis	May 2024

Properties	Specifications	Results
Appearance	: Pale yellow to greenish yellow liquid.	Complies
Odor	: Characteristic minty, rosy-like odor.	Complies
Solubility	: Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity	: 0.885 to 0.905@ 20°C	0.893
Optical Rotation	: -14.0° to -8.0° @ 20°C	-10
Refractive Index	: 1.461 to 1.475 @ 20°C	1.464
Citronellol	: 25 to 36 %	34.27
Linalool	: 4 to 8.5 %	4.17
Geraniol	: 10 to 18 %	14.24

Storage: Store in air tight containers; in a cool dry area; away from direct sunlight

The Result relates to the sample tested in the Laboratory. Limits/Standard values are given only for interpretation of results. This test refers only to practice items(s) submitted for testing. The Test Results reported in this report are valid at the time and under the stated conditions of testing.