



TREAT YOUR SOUL

PEPPERMINT OIL

CERTIFICATE OF ANALYSIS

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|-----------------------|-----------------------|
| Product Name | PEPPERMINT OIL |
| Botanical Name | Mentha piperita |

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|------------------|----------------------------------|
| CAS # | 8006-90-4 ; 84082-70-2 |
| FEMA # | 2848 |
| EINECS # | 282-015-4 |
| INCI Name | Mentha Piperita (Peppermint) Oil |

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|----------------------------|-------------------------------|
| Part Used | Leaves |
| Extraction Method | Steam Distilled Essential Oil |
| Quality | 100% Pure and Natural |
| Note Classification | Top Note |

| <u>PROPERTIES</u> | <u>SPECIFICATIONS</u> | <u>RESULTS</u> |
|--------------------------------|--|----------------|
| Appearance | Clear to pale yellow colored liquid | CONFORMS |
| Odour | Refreshing, sharp, strongly minty aroma with a deep balsamic-sweet undertone | CONFORMS |
| Refractive Index | 1.455 - 1.467 @ 20°C | 1.459 |
| Specific Gravity (g/mL) | 0.896 - 0.916 @ 20°C | 0.903 |
| Optical Rotation (°) | -30° to -10° | CONFORMS |
| Solubility | Soluble in alcohols and fixed oils; Insoluble in water | CONFORMS |

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|-----------------|----------------------------|
| Comments | Odour quality is excellent |
|-----------------|----------------------------|

Address: 975 Lunt Ave., Schaumburg Illinois 60193, USA

Phone: (800)809-4941 | **Email:** support@thesulu.com | **Web:** www.thesulu.com



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| <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 |

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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