



SHIVA EXPORTS INDIA™

35 - FARSH ROAD, KANNAUJ - 209725 U.P. (INDIA)

TEL : (+91) 9836332079, (+91) 9628116622 | FAX : +91 5694 235216

EMAIL: info@shivaexportsindia.com • Website: www.shivaexportsindia.com

CERTIFICATE OF ANALYSIS

PRODUCT NAME: TEA TREE OIL
BOTANICAL NAME: MELALEUCA ALTERNIFOLIA
INCI NAME: MELALEUCA ALTERNIFOLIA (TEA TREE) LEAF OIL
CAS #: 68647-73-4
COUNTRY OF ORIGIN: AUSTRALIA
LOT #
MANUFACTURING DATE
EXPIRY DATE:

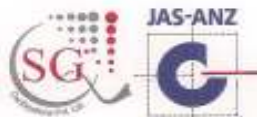
PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: COLORLESS TO PALE YELLOW CLEAR LIQUID
ODOR: CHARACTERISTIC WARM , SPICY ODOR
SOLUBILITY: SOLUBLE IN ALCOHOL AND OILS. INSOLUBLE IN WATER.
SPECIFIC GRAVITY: 0.885-0.915 @ 20°C
OPTICAL ROTATION: +5.0° - +15.0° @ 20°C
REFRACTIVE INDEX: 1.4750 – 1.4850 @ 20°C
FLASH POINT 57°C
EXTRACTION METHOD: STEAM DISTILLATION OF FRESH LEAVES
1,8 CIENOL : TRACE – 10.0%, TERPINEN-4-OL : 30.0-45.0%
γ- TERPINENE : 10.0- 28.0%, α- TERPINENE: 5-13%
ACTIVE CONSTITUENT α- PINENE : 1-6%, SABINENE : TRACE – 3.5%
TERPINOLENE : 1.5-5%, LIMONENE: 0.5 – 4%
P-CYMENE: 0.5 -12%

Note:

- This report pertains only to the sample.
- This is indicative and may be vary according to the raw material and climate variation.

(Authorized Signatory)



An ISO 9001 : 2008 CERTIFIED COMPANY

ESSENTIAL OILS, ABSOLUTES, HERBAL EXTRACTS, RESINOID, HERBS FLORAL WATERS AND ATTARS