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Tea Tree Essential Oil

Technical Data Sheet (TDS) · **Document issue date: 28.10.2026**

Typical values. This document is not a certificate of analysis (COA). Certificates and COA are available on request for wholesale items after the order ships.

1. Product

Product name	Tea Tree Essential Oil
INCI	Melaleuca Alternifolia Essential Oil
CAS / EC	CAS 85085-48-9; EC 285-377-1
Country of origin (per product card)	China
Extraction / refining	Steam distillation

2. Organoleptic properties

Appearance	Oily liquid
Colour	From light yellow to greenish yellow
Odour	Characteristic

3. Physico-chemical properties (typical values)

Parameter	Typical value
Relative density at 20 °C	0.885-0.906
Refractive index at 20 °C	1.475-1.482
Optical rotation at 20 °C	+1° to +15°

4. Cosmetic applications

Used in cosmetic products for skin and hair care. Soluble in oils and alcohol. Typical use level 0.1-1 %.

5. Storage, shelf life, packaging

Storage	In a dark, cool place in tightly closed container
Shelf life	36 months from production date in original closed container (typically); batch expiry date is indicated on the label
Packaging	One document covers all pack sizes of this product. The container depends on pack size (from cosmetic bottles to transport containers) and is stated on the product card.

6. Disclaimer

This information is provided for reference and for raw-material selection in formulations. Actual batch values are stated in the manufacturer's COA. The product is a raw material for cosmetic manufacturing; the manufacturer of the finished product is responsible for its safety and regulatory compliance. A skin sensitivity test is recommended before use.