



BioProGreen

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Numéro du registre de commerce : 52935
Numéro d'identifiant fiscale : 06526963
Numéro de CNSS : 92156444
Numéro d'agrément d'exportation EACCE : 6410
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CODE SWIFT : BCPOMAMCMKH

Numéro de compte: 145 450 21211 8418239 000 743
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TECHNICAL FILE : MELALEUCA ALTERNIFOLIA ESSENTIAL OIL

Description :

- Type of extract: Essential oil
- Botanical name: Melaleuca alternifolia
- Quality: 100% pure and natural essential oil
- Production process: Steam distillation of Melaleuca alternifolia leaves
- CAS No.: To be specified according to the specific product
- Origin : Australia

Organoleptic characteristics :

- Appearance : Mobile liquid
- Colour : Colourless to pale yellow
- Odour : Fresh, camphorated, with terpenic notes

Physical and chemical characteristics :

- Relative density at 20°C: [0.885 ; 0.906] (varies according to source)
- Refractive index at 20°C: [1.475 ; 1.482].
- Rotatory power in °: [5° ; 15°] (varies according to source)
- Flash point: > 60°C
- Solubility in water: Insoluble
- Solubility in alcohol: Soluble in 70° alcohol
- GPC analysis :
- Terpinene-4-ol: 30% to 48
- γ -Terpinene: 10 to 28
- α -Terpinene: 5 to 13
- 1,8-cineole: Max. 15%.

Storage: Store in a cool, dry place, away from light, heat and moisture, in full, tightly closed packaging.

Quality control department :

- SWIFT CODE: BCPOMAMCMKH
- ACCOUNT NUMBER: 145 450 21211 8418239 000 743
- BANK ADDRESS: Banque Populaire de Marrakech Beni Mellal, Avenue Abdelkrim Khattabi B.P 480-40 001, Marrakesh - MA – MOROCCO

This technical data sheet for *Melaleuca alternifolia* (tea tree) essential oil highlights its unique characteristics, such as its Australian origin, its physico-chemical properties and its terpinen-4-ol-rich composition. It also outlines recommendations for optimal storage to preserve the quality of the essential oil.