

Certificate of Analysis

Product: Cinnamon Bark Oil (Tanzania)
Botanical Name: *Cinnamomum zeylanicum*
Origin: Tanzania
Plant Part used: Bark
Extraction: Steam distillation

| Physical data | <u>Specification²</u> | <u>Result</u> |
|---------------------------|---|----------------------|
| Appearance: | Clear mobile liquid | Complies |
| Colour: | Pale straw to yellow | Complies |
| Odour: | Characteristic | Complies |
| Specific Gravity at 20°C: | 0.9970 to 1.0600 | 1.0112 |
| Refractive index at 20°C: | 1.5700 to 1.6100 | 1.5763 |
| Optical Rotation: | +5.00 ⁰ to -15.00 ⁰ | +0.00 ⁰ |

Chromatographic Profile

| Sample | Component | Specification² Peak Area¹ (%) | Result Peak Area¹ (%) |
|------------------------------|------------------|--|---|
| <i>Cinnamomum zeylanicum</i> | Cinnamaldehyde | Min 50 | 55.77 |