

CERTIFICATE OF ANALYSIS

PRODUCT NAME: BERGAMOT OIL CALABRIAN

BOTANICAL NAME: *Citrus aurantium*

COUNTRY OF ORIGIN: ITALY

| TEST (UNIT) | SPECIFICATION | RESULT |
|-------------------------|--|--------------------------|
| APPEARANCE | MOBILE LIQUID | MOBILE LIQUID |
| COLOUR | OLIVE-GREEN TO BROWN | OLIVE-GREEN |
| CLARITY | CLEAR, NO FOREIGN MATTER | CLEAR, NO FOREIGN MATTER |
| ODOUR | RICH, SWEET FRUITY TOPNOTE AND A OILY, HERBACEOUS, BALSAMIC BACKGROUND | CHARACTERISTIC |
| SPECIFIC GRAVITY @ 20°C | 0.865 to 0.885 | 0.869 |
| OPTICAL ROTATION @ 20°C | +5° to +35° | +30° |
| REFRACTIVE INDEX @ 20°C | 1.463 to 1.468 | 1.465 |
| CHROMATOGRAPHIC PROFILE | | |
| BETA-PINENE (%) | 4.5 to 10 | 6 |
| LIMONENE (%) | 30 to 55 | 40 |
| GAMMA-TERPINENE (%) | 5 to 10 | 7 |
| LINALOOL (%) | 2 to 16 | 14 |
| LINALYL ACETATE (%) | 20 to 40 | 26 |