

CERTIFICATE OF ANALYSIS

Model/Product/Revision/Date of revision : BAHEEN001 / Lemon EO / 0 / 08-02-19
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p1/1

Lemon EO

01C/CITLIM

Date of analysis : 23/09/2021

Batch number : **265BA103**

Retest date (shelf life): **03/2023**

❖ General description

| | | | |
|---------------|---------------------|--------|-------|
| Essential oil | Lemon EO | Origin | Italy |
| Latin name | <i>Citrus limon</i> | | |

❖ Sensory quality

| | | |
|--------|---|---------|
| Aspect | Clear and mobile liquid | Conform |
| Color | green-yellow | Conform |
| Odor | Characteristic of the peel of the fruit | Conform |

❖ Analytical quality

| | specifications | Results | Conclusion |
|-------------------------|-----------------|---------|------------|
| Density (20°C) | 0,850 - 0,858 | 0.854 | Conform |
| Refractive index (20°C) | 1,4730 - 1,4760 | 1.4745 | Conform |
| Optical rotation (20°C) | +57° à +70° | 59.85 | Conform |
| Peroxide index | [0;20] | 9.1 | Conform |

❖ Chromatography analyse

GC : Perkin Elmer - Clarus

Column : see report

Injection : split

Detector : FID

Carrier gas : H2

-> See chromatography attached

❖ Conclusion

Batch accepted.