



M.R. HERBAL AND NATURALS

Regd office:-Village – Medermal, Lailunga Dist – Raigarh, pin – 496113 C.G.

GSTN: 22CYKPM7275D2ZA PAN: CYKPM7275D IEC: CYKPM7275D

MO 8224887884 / 7987242471 ... EMAIL:- nikhilmittal211@gmail.com

CERTIFICATE of ANALYSIS (COA)

Citronella Oil

| | |
|-------------------|---------------------------------|
| COMMON NAME | Citronella |
| LATIN NAME | <i>Cymbopogon winterianus</i> |
| COUNTRY OF ORIGIN | India |
| TYPE | Essential Oil |
| EXTRACTION METHOD | Steam Distilled |
| PLANT PART | Leaves |
| USE | Aromatherapy, Natural Perfumery |

| | |
|--------------------|---------------|
| LOT # | N/A |
| MANUFACTURING DATE | Feb 2021 |
| RETEST | To be defined |

| | SPECIFICATIONS (Range) |
|------------------------|------------------------|
| SPECIFIC GRAVITY @20°C | 0.880 - 0.895 |
| REFRACTIVE INDEX @20°C | 1.465 - 1.485 |

| | | |
|--------------------------|--|-----------------|
| PHYSICAL APPEARANCE | Clear liquid | <i>Conforms</i> |
| COLOR | Pale to light yellow | <i>Conforms</i> |
| ODOR | Sweet, fresh, lemony with grassy/green undertone | <i>Conforms</i> |
| SOLUBILITY | Soluble in alcohol and fixed oils | |
| SPECIAL USE INSTRUCTIONS | Dilute before use | |

| | |
|----------------------|------------------------------------|
| PRIMARY CONSTITUENTS | Citronellal, Geraniol, Citronellol |
|----------------------|------------------------------------|

| COMPONENTS | % RANGE | COMPONENTS | % RANGE |
|-----------------|---------|--------------------|---------|
| BETA-PINENE | N/A | GERANIOL* | 11-25 |
| MYRCENE 65 | N/A | CITRONELLYL ACETAT | 3-8 |
| PARA-CYMENE | N/A | GERANYL ACETATE | 3-8 |
| LIMONENE* | 1-4 | NEROL | N/A |
| LINALOOL* | N/A | BETA-CARYOPHYLLENE | N/A |
| CITRONELLAL | 32-45 | DELTA-CADINENE | N/A |
| ALPHA-TERPINEOL | N/A | HYDROCYROL | N/A |
| CITRONELLOL* | 11-25 | | |

** EU Allergen ⁶⁵ = Prop 65*

| | |
|-----------------|----------------------------|
| COMMENTS | Odor quality is excellent. |
|-----------------|----------------------------|

This Essential Oil is an authentic natural product and does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to M.R. HERBAL AND NATURALS . This product is guaranteed by M.R. HERBAL AND NATURALS to be of excellent quality.