



Escentials of Australia

Certificate of Analysis
Macadamia Virgin Organic
Botanical: macadamia integrifolia
Extraction: Cold Pressed Seeds
Origin Kenya
Cas 129811-19-4



Analysis

| | | |
|----------------|---------------------|------|
| Acid Value | mg KOH/g | 4.0 |
| Peroxide Value | meq/KG | 3.4 |
| Colour | light yellow/golden | |
| Odour | slight, distinctive | |
| SG | 25 deg | 0.91 |

RI 20 deg 1.460

Fatty Acid profile

| | | |
|--------|----------------------------|-------|
| C:16:0 | Palmitic | 7.60% |
| C:16:1 | Palmitoleic | 22.60 |
| C:18:0 | Stearic | 2.9% |
| C:18:1 | Oleic | 52.0% |
| C:18:2 | Linoleic | 2.45% |
| C:18:3 | Gamma Linolenic Acid (GLA) | Nil |
| C20:0 | Arachidic | 2.50% |
| C20:1 | Eicosanic | 2.50% |
| C22:0 | behenic | 0.80 |

Heavy metals <20ppm
 Arsenic <2ppm
 Total microbial count <100cfu/g
 Pathogens Nil detected

Batch No 1606001;1609001

Shelf life 18 months, store in a cool dark place, away from children

Retest every 6 months

Complied Aug 2022. Not for internal use. Not tested on animals.



| | | |
|-----------------------------|----------------------------|--------------|
| Acid Value | mg KOH/g | 0.2 |
| Peroxide Value | meq/KG | <5 |
| Iodine Value | gl2/100g | 172 |
| Colour | light yellow/golden | |
| Odour | slight, oily | |
| Saponification Value | mg KOH/g | 186 |
| SG | 25 deg | 0.920 |
| RI | 20 deg | 1.472 |

| | |
|------------------------------|---------------------|
| Heavy metals | <20ppm |
| Arsenic | <2ppm |
| Total microbial count | <100cfu/g |
| Pathogens | Nil detected |

Batch No 121.....

Shelf life 18 months, store in a cool dark place, away from children

Retest every 6 months

Complied Oct 2019