

## PRODUCT SPECIFICATION

# ACEITE DE KUIKUI

**Código: ACEI-04825**

|                       |                                                                                                                                                |           |   |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---|
| Description           | Oil obtained by expeller pression from the ripe seed of ' <i>Aleurites moluccana</i> ' chemically refined, bleached, deodorised and winterised |           |   |
| Appearance            | Liquid                                                                                                                                         |           |   |
| Odour                 | Almost odourless                                                                                                                               |           |   |
| Customs Tariff Number | 15 15 90 60                                                                                                                                    |           |   |
| Application           | Raw material for cosmetic and pharmaceutical products                                                                                          |           |   |
| INCI Name             | <i>Aleurites moluccana</i>                                                                                                                     |           |   |
| CAS Number            | 8015-80-3                                                                                                                                      | EC Number | - |

## TEST SPECIFICATION

| Analytical Test                            | Method        | Specification Range                            |
|--------------------------------------------|---------------|------------------------------------------------|
| Acid Value mg/KOH/gr                       | EP 7 (2.5.1.) | Max. 10.0                                      |
| Peroxide Value (meqO <sub>2</sub> /kg )    | EP 7 (2.5.5.) | Max. 3.0                                       |
| Specific Gravity (20°C) gr/cm <sup>3</sup> | EP 7 (2.2.5.) | 0.920-0.930                                    |
| Refractive index (20°C) nr                 | EP 7 (2.2.6.) | 1.470-1.480                                    |
| Colour y/r                                 | Lovibond 5¼"  | Max. 30/3.0                                    |
| Iodine Value grI <sub>2</sub> /100gr       | EP 7 (2.5.4.) | 130-165                                        |
| Saponification Value mgKOH/gr              | EP 7 (2.5.6.) | 188-210                                        |
| Solubility                                 | -             | Insoluble in water, soluble in vegetable oils. |
| Shelf life                                 | Lab re-check  | 18 Months from production date                 |

## TYPICAL FATTY ACID PROFILE

|                          |                |           |
|--------------------------|----------------|-----------|
| C16:0 Palmitic Acid %    | EP 7 (2.4.22.) | 4.0-10.0  |
| C16:1 Palmitoleic Acid % | EP 7 (2.4.22.) | 2.0-8.0   |
| C18:0 Stearic Acid %     | EP 7 (2.4.22.) | 10.0-35.0 |
| C18:1 Oleic Acid %       | EP 7 (2.4.22.) | 35.0-50.0 |
| C18:2 Linoleic Acid %    | EP 7 (2.4.22.) | 25.0-40.0 |

## STORAGE/SHELF LIFE

Min. 18 Months from production date when stored in closed containers protected from light.



**DISCLAIMER:**

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