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## **CERTIFICATE OF ANALYSIS**

| Product Description | Batch | Best Before End | Customer Reference |
|---------------------|-------|-----------------|--------------------|
| TAMANU OIL ORGANIC  | 7959  | 12/2021         |                    |

| PARAMETERS                    | SPECIFICATION          | RESULTS                |
|-------------------------------|------------------------|------------------------|
| Colour and Appearance:        | Green to dark green    | Comparable to standard |
| Odour:                        | Light soft nutty odour | Satisfactory           |
| Iodine Value gI/100g:         | 80 - 110               | 92.4                   |
| Saponification Value mgKOH/g: | 180 - 200              | 188.5                  |
| Specific Gravity @ 40°C       | 0.920 - 0.950          | 0.9323                 |
| Refractive index @ 40°C       | 1.4600 - 1.482         | 1.4742                 |
| FATTY ACID PROFILE (%):       |                        |                        |
| Palmitic C16:0                | 12 - 20                | 13.45                  |
| Stearic C18:0                 | 8 - 20                 | 15.24                  |
| Oleic C18:1                   | 30 - 55                | 37.90                  |
| Linoleic C18:2                | 17 - 39                | 30.42                  |

The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Users should conduct their own tests to determine the suitability of the product for their own specific use. Since the conditions of use are out of our control, Soapmakers shall not be held liable for any damage resulting from handling, application or processing of this material.

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## **DECLARATION**

The original plant material has not in any way been genetically modified or derived from G.M.O's or produced using G.M. O's or their derivatives, and all reasonable steps have been take to avoid contamination from G.M.O's or their derivatives.

This product has not been tested on animals.