

# CERTIFICATE OF ANALYSIS

| Product Description      | Batch | Re-Test Date | Customer Reference |
|--------------------------|-------|--------------|--------------------|
| COCOA BUTTER DEO ORGANIC | 9483  | 12/2024      |                    |

| PARAMETERS                                      | SPECIFICATION                           | RESULTS                |
|---|---|------------------------|
| <b>Colour and Appearance:</b>                   | Solid at 20°C. Pale yellow to off-white | Comparable to standard |
| <b>Odour:</b>                                   | Characteristic subtle odour             | Complies               |
| <b>Flash Point:</b>                             | +280°C                                  | Complies               |
| <b>Relative Density @ 25°C:</b>                 | 0.880 - 0.920                           | Complies               |
| <b>Melting Point:</b>                           | 31 - 35°C                               | 34                     |
| <b>Acid Value mg KOH/g oil:</b>                 | 3.6% max                                | 1.3                    |
| <b>Peroxide Value meq O<sub>2</sub>/kg oil:</b> | 5.0% max                                | 1.6                    |
| <b>Iodine Value:</b>                            | 30.0 - 45.0                             | 34.6                   |
| <b>FATTY ACID PROFILE:</b>                      |   |                        |
| <b>Palmitic C16</b>                             | 21 - 29%                                | 25.2%                  |
| <b>Stearic C18</b>                              | 31 - 29%                                | 35.1%                  |
| <b>Oleic C18:1</b>                              | 31 - 38%                                | 34.1%                  |
| <b>Linoleic C18:2</b>                           | 1.5 - 5.0%                              | 3.0%                   |
| <b>Linolenic C18:3</b>                          | < 2.0 %                                 | 0.2%                   |
| <b>Arachidic C20</b>                            | 0.8 - 2.0%                              | 1.1%                   |

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