

## **CERTIFICATE OF ANALYSIS**

|                         |                                                                     |
|-------------------------|---------------------------------------------------------------------|
| <b>Product Name</b>     | Hemp Seed Butter                                                    |
| <b>INCI Name</b>        | Cannabis Sativa Seed Oil,<br>Palmitic/Stearic Triglyceride, Beeswax |
| <b>CAS Number</b>       | 89958-21-4, 67701-30-8, 8012-89-3                                   |
| <b>Lot Number</b>       | ALB262400068                                                        |
| <b>Manufacture Date</b> | 06/2024                                                             |
| <b>Re-test Date</b>     | 06/2026                                                             |
| <b>Quality</b>          | 100% Pure and Natural                                               |

| PROPERTIES                                   | SPECIFICATIONS                                                | RESULTS  |
|----------------------------------------------|---------------------------------------------------------------|----------|
| <b>Appearance</b>                            | Pale green colored butter                                     | CONFORMS |
| <b>Odour</b>                                 | Characteristic earthy, herbal odour                           | CONFORMS |
| <b>Melting Point (°C)</b>                    | 37° - 50°                                                     | CONFORMS |
| <b>Moisture (%)</b>                          | Maximum 0.2                                                   | 0.03     |
| <b>Saponification Value (mgKOH/g)</b>        | 172 - 198                                                     | 188      |
| <b>Peroxide Value (meq O<sub>2</sub>/kg)</b> | Maximum 5.0                                                   | CONFORMS |
| <b>Iodine Value (g I<sub>2</sub>/100g)</b>   | 48 - 80                                                       | 63       |
| <b>Free Fatty Acids (% oleic)</b>            | Less than 0.5                                                 | CONFORMS |
| <b>Acid Value (mgKOH/g)</b>                  | Less than 1.0                                                 | CONFORMS |
| <b>Solubility</b>                            | Soluble in cosmetic esters and fixed oils; Insoluble in water | CONFORMS |

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| MICROBIAL ANALYSIS                        | SPECIFICATIONS | STANDARDS | RESULTS  |
|-------------------------------------------|----------------|-----------|----------|
| <b>Aerobic Mesophilic Bacterial Count</b> | < 100 CFU/g    | ISO 21149 | CONFORMS |
| <b>Yeast and Mould</b>                    | < 10 CFU/g     | ISO 16212 | CONFORMS |
| <b>Candida albicans</b>                   | ABSENT / 1g    | ISO 18416 | CONFORMS |
| <b>Escherichia coli</b>                   | ABSENT / 1g    | ISO 21150 | CONFORMS |
| <b>Pseudomonas aeruginosa</b>             | ABSENT / 1g    | ISO 22717 | CONFORMS |
| <b>Staphylococcus aureus</b>              | ABSENT / 1g    | ISO 22718 | CONFORMS |

| HEAVY METAL TESTS                 | SPECIFICATIONS | STANDARDS | RESULTS  |
|-----------------------------------|----------------|-----------|----------|
| <b>Lead: Pb (mg/kg or ppm)</b>    | < 10 ppm       | n/a       | CONFORMS |
| <b>Arsenic: As (mg/kg or ppm)</b> | < 2 ppm        | n/a       | CONFORMS |
| <b>Mercury: Hg (mg/kg or ppm)</b> | < 1 ppm        | n/a       | CONFORMS |

#### STABILITY AND STORAGE:

This butter should be stored in cool temperatures away from sunlight and moisture in an air-tight container. The butter will become liquid above ambient temperatures, but will re-solidify upon cooling without affecting functionality. This butter has a shelf-life of 24 months when stored properly.

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