# **Name** **Stellar**

## Product Cocoa butter

## Physical and Chemical characteristics

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| --- | --- | --- |
| **Parameter** | **Value** | **Method** |
| Acidity (%, max) | 1.75 | IUPAC 2.201 (content of free fatty acids calculated as oleic acid) |
| Iodine value | 33 – 40 | IUPAC 2.205 (Wijs method) |
| Refractive index nD | 1.456 – 1.458 | IUPAC 2.102 (40°C) |
| Clear point (°C) | 32 – 35 | ICA 4/1962 |
| Blue value (max) | 0.05 | ICA 29/1988 |
| Unsaponifiables (%, max) | 0.35 | ICA 23/1988 |
| Absorbance after washing with alkali (max) | 0.14 | ICA 19/1973 (270 nm) |
| Saponification value | 192 – 197 | IUPAC 2.202 |
| Peroxide value (max) | 4 | IUPAC 2.501 (Milliequivalent oxygen per kg cocoa butter) |
| Color (Lovibond Tintometer) | min 40 + 1.0  max 40 + 2.2 | ISO 15305 |

## A certificate of analysis is supplied with each product lot shipped.

## Microbiological characteristics

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Value** | **Method** |
| Standard Plate Count (cfu/g) | 5000 max. (median 300) | ICA 39/1990 |
| Molds (cfu/g) | 50 max. (median 5) | ICA 39/1990 |
| Yeasts (cfu/g) | 50 max. (median 5) | ICA 39/1990 |
| Enterobacteriaceae (per g) | Negative to test | ICA 39/1990 |
| E. coli (per g) | Negative to test | ICA 39/1990 |
| Salmonella (per 4x375g)\* | Negative to test | ISO6579 |

## *\* Sampled according to the US FDA Bacteriological Analytical Manual for Foods, Food Category*

**Not all microbiological parameters are included on the standard COA. Not all results may be available prior to delivery.**

## (EN) Storage – see back of pack. (FR) Conservation - voir au dos de l'emballage. (DE) Lagerung - siehe Packungsrückseite. (NL) Opslag - zie achterkant verpakking. (DA) Opbevaring – se bagsiden af emballagen. (IT) Conservazione: vedere sul retro della confezione. (ES) Conservación: ver parte posterior del envase. (PT) Armazenamento - veja o verso da embalagem. (GR) Αποθήκευση - βλέπε το πίσω μέρος της συσκευασίας. (SV) Förvaring – se förpackningens baksida (PL) Przechowywanie - patrz tył opakowania. (RO) Depozitare - vezi partea din spate a ambalajului.

## (EN) Best before – see front of pack. (FR) À consommer de préférence avant - voir le devant de l'emballage. (DE) Haltbarkeit - siehe Packungsvorderseite. (NL) Ten minste houdbaar tot - zie voorkant verpakking. (DA) Bedst før – se forsiden af emballagen. (IT) Da consumarsi preferibilmente entro - vedere la parte anteriore della confezione. (ES) Consumir antes de: ver parte anterior del envase (PT) Consumir de preferência antes de - veja a frente da embalagem. (GR) Ανάλωση κατά προτίμηση πριν - βλέπε το μπροστινό μέρος της συσκευασίας. (SV) Bäst före – se förpackningens framsida. (PL) Najlepiej spożyć przed - patrz przód opakowania. (RO) Cel mai bun înainte - consultați partea din față a ambalajului.

**Kosher:** suitable **Organic:** certified

**Halal:** suitable