

Gracefruit Ltd

146 Glasgow Road, Longcroft, Stirlingshire, FK4 1QL

www.gracefruit.com

VAT Number: 935 8115 14

EORI Number: GB9358 1151 4000

Company Number: SC374368



Certificate of Analysis

Description: Sheanut Butter, Refined

LOT No: 64526

Inci Name: Butyrospermum Parkii (Shea) Butter

Cas Nos: 194043-92-0 / 91080-23-8

Einecs No: 293-515-7

| ANALYTICAL DETAILS | RANGE | RESULT |
|--|--------------------|------------|
| APPEARANCE | Solid fat | Conforms |
| COLOUR | Off-white to ivory | Conforms |
| FLAVOUR AND TASTE | Neutral | Conforms |
| COLOUR (LOVIBOND 5.25" CELL) | ≤ 3 r, 40y | 1.8 r, 13y |
| COLOUR (GARDNER) | ≤ 4 | 2.2 |
| FREE FATTY ACID (% AS OLEIC) | ≤ 1.0 | 0.05 |
| PEROXIDE VALUE (Meq O ₂ / kg) | ≤ 10.0 | 0.9 |
| ACID VALUE (mg KOH/g) | ≤ 2.0 | 0.10 |
| CITRIC ACID (PPM) | ≤ 10.0 | N/D |
| WATER CONTENT (%) | ≤ 0.05 | 0.04 |

| FATTY ACID PROFILE (MAJOR ACIDS) | ACID NAME | C-CAHIN | RANGE | RESULT |
|----------------------------------|-----------|-------------|-----------|--------|
| | PALMITIC | C16:0 | 3.0 – 7.0 | 3.3 |
| PALMITOLEIC | C16:1 | ≤ 0.1 | 0.0 | |
| STEARIC | C18:0 | 39.0 – 47.0 | 42.4 | |
| OLEIC | C18:1 | 42.0 – 47.0 | 46.0 | |
| LINOLEIC | C18:2 | 4.0 – 7.0 | 6.4 | |
| ALPHA LINOLENIC | C18:3 | ≤ 0.1 | 0.0 | |
| ICOSANOIC | C20:0 | 1.0 – 3.0 | 1.4 | |
| ICOSENOIC | C20:1 | ≤ 1.0 | 0.3 | |
| DOCOSANOIC | C22:0 | ≤ 0.5 | 0.1 | |
| OTHERS | | ≤ 1.0 | 0.0 | |

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Best Before: March 2016

R00804

12/03/2014