



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: SHEANUT BUTTER, REFINED**

**LOT NUMBER: LOT0000567**

PRODUCT INCI: BUTYROSPERMUM PARKII

PRODUCT CODE: K0421

CAS NUMBER: 91080-23-8

EINECS NUMBER: 293-515-7

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

MANUFACTURING DATE: 06/06/2018

BEST BEFORE DATE: 01/12/2019

| ANALYTICAL DETAILS           | RANGE %           | RESULTS    |
|------------------------------|-------------------|------------|
| APPEARANCE                   | SOFT BUTTER       | -          |
| COLOUR                       | OFF WHITE - IVORY | -          |
| COLOUR (LOVIBOND)            | <10Y, 1.5R        | 6.2Y, 0.9R |
| COLOUR (GARDNER)             | <1.5              | -          |
| ODOUR                        | FAINT ODOUR       | -          |
| FREE FATTY ACID (% AS OLEIC) | <1.0              | 0.08       |
| PEROXIDE VALUE               | <10.0             | 0.3        |
| MOISTURE                     | <0.10             | 0.03       |

| FATTY ACID PROFILE |                  | RANGE %     | RESULTS |
|--------------------|------------------|-------------|---------|
| <b>C-CHAIN</b>     | <b>ACID NAME</b> |             |         |
| C16:0              | PALMITIC         | 3.0 – 5.0   | 4.0     |
| C18:0              | STEARIC          | 40.0 – 47.0 | 43.0    |
| C18:1              | OLEIC            | 42.0 – 49.0 | 44.5    |
| C18:2              | LINOLEIC         | 4.0 – 8.0   | 6.5     |
| C18:3              | LINOLENIC        | <1.0        | 0.0     |
| C20:0              | ARACHIDIC        | 1.0 – 2.0   | 1.4     |
| C20:1              | GADOLEIC         | <1.0        | 0.4     |
| C22:0              | BEHENIC          | <1.0        | 0.0     |
| C24:0              | LIGNOCERIC       | <1.0        | 0.0     |

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