



PRODUCT SPECIFICATION SHEET

Product name : Organic FFL Illipe Butter RBD
INCI name : Shorea Stenoptera Seed Butter
Product code: TKW003-ORG
CAS No : 91770-65-9
EINICS No : 294-851-7
Country of origin : Netherlands
Manufacturing method : Expeller pressed crude oil in Indonesia, no solvents used, refined with organic RBD refining process in Netherlands
Shelf life : 3 years
Last reviewed : March 2021

| Analysis | Specification | Unit | Method |
|--|--|------------------|-----------------------------|
| Appearance at 15° C Appearance at 45° C | Creme white solid Light yellow liquid | - | visual |
| Odour | Characteristic with no rancid notes | - | olfactory |
| Gardner Colour | Max 2 | Gardner Units | (OIL027, ~AOCS Td 1a-64) |
| Lovibond Yellow | Max 13 | 5 1/4 inch | WV.OIL.9, ISO 15305)"B" |
| Lovibond Red | Max 1.5 | 5 1/4 inch | WV.OIL.9, ISO 15305)"B" |
| Peroxide Value | Max 5 | Meq O2/kg | ISO 3960 |
| Iodine Value (Wij's) | 25-45 | g I2/100g | EN-ISO 3961 |
| Slip Melting Point | 30-38 | degrees C | AOCS Cc 3-25 |
| Relative Density | 0.89 - 0.91 | g/ml @ 45°C | WV.OIL22, ~ASTM D 4052 |
| Acid Value | Max 2 | mg KOH/g | WV.OIL.20, EN-ISO 660 |
| Fatty acid profile | | | |
| - Palmitic acid (C16:0) | 14.0 -22.0 % | % | ISO 12966 |
| - Stearic acid (C18:0) | 36.0 - 50.0 % | % | ISO 12966 |
| - Oleic acid (C18:1) | 30.0 -42.0 % | % | ISO 12966 |
| - Linoleic acid (C18:2): | max 6% | % | ISO 12966 |