

CERTIFICATE OF ANALYSIS

MANTECA DE MANGO-ECOCERT

Date, 05/10/2019

INCI EU: Mangifera Indica Seed Butter
 INCI US: Mangifera Indica (Mango) Seed Butter
 CAS: 90063-86-8 / 167747-36-6
 EINECS: 290-045-4
 PRODUCTION DATE 10/2019
 BATCH NUMBER 6048A20/01

| | Specification | Result | Method |
|-------------------------------|--------------------------|---------|--------------|
| Appearance, 25°C | Soft solid | Conform | Visual |
| Color | Off white to pale yellow | Conform | Visual |
| Color, Gardner | 4,0 max. | 1,4 | AOCS Td1a-64 |
| Odor | Faint characteristic | Conform | Olfactory |
| Pour point, °C | 43 – 53 | Conform | ASTM D97-87 |
| Melting point, °C | 45 – 55 | Conform | AOCS Cc 1-25 |
| FFA (as oleic), % | 1,0 max. | 0,15 | AOCS Cd3d-63 |
| Iodine value, gI2/100g | 40,0 – 55,0 | 48,2 | AOCS Tg2a-64 |
| Saponification value, mgKOH/g | 180,0 – 195,0 | 193,3 | AOCS Cd3-25 |
| Peroxide value, meqO2/kg | 10,0 max. | 0,6 | AOCS Cd8-53 |
| Unsaponifiable matter, % | 5,0 max. | 1,4 | AOCS Ca6b-53 |

Expiry Date 11/2021