

CERTIFICATE OF ANALYSIS

PRODUCT : CAPRYLIC/CAPRIC TRIGLYCERIDE(MB
 NUMBER: CU-RSPO SCC-845766)
DATE OF CERTIFICATE : 25-JUNE-2022
BATCH NUMBER/ LOT NUMBER : 1M0632F

MANUFACTURING DATE/ PRODUCTION DATE : 18-JUNE-2022
RECOMMENDED RETEST DATE/ EXPIRY DATE : 17-JUNE-2025

We certify, that we have examined a sample of the above mentioned goods with the following results :

| <u>Test Description</u> | <u>Unit</u> | <u>Reference Test Method</u> | <u>Min</u> | <u>Max</u> | <u>Result</u> |
|--------------------------------------|-------------|------------------------------|------------|------------|---------------|
| Appearance | | EP | Pass | | Pass |
| Acid Value | mg KOH/g | EP | | 0.1 | 0.0 |
| Saponification Value | mg KOH/g | EP | 325 | 345 | 336 |
| Iodine Value | g/100g | EP | | 1.0 | 0.1 |
| Hydroxyl Value | mg KOH/g | EP | | 10 | 4 |
| Peroxide Value | meq/kg | EP | | 1.0 | 0.1 |
| Colour APHA | HAZEN | ASTM D1209-84 | | 50 | 21 |
| Moisture | % | EP | | 0.15 | 0.03 |
| C6 Fatty Acid | % | In-house method | | 2.0 | 0.0 |
| C8 Fatty Acid | % | In-house method | 55 | 65 | 57 |
| C10 Fatty Acid | % | In-house method | 35 | 45 | 43 |
| C12 Fatty Acid | % | In-house method | | 3.0 | 0.0 |
| C14 Fatty Acid | % | In-house method | | 1.0 | 0.0 |
| >C16 + C18 Fatty Acid | % | In-house method | | 0.1 | 0.0 |
| * European Pharmacopeia Monograph | | EP | Pass | | Pass |
| * Relative Density 20/20 °C | - | EP | 0.93 | 0.96 | 0.95 |
| * Refractive Index N20/D | - | EP | 1.440 | 1.452 | 1.450 |
| * Viscosity at 20°C | mPa.s | EP | 25 | 33 | 29 |
| * Sulphated Ash | % | EP | | 0.1 | 0.0 |
| * Unsaponifiables | % | EP | | 0.5 | 0.3 |
| * Alkaline Impurities (0.01M HCl) | ml | EP | | 0.15 | 0.00 |
| * Heavy Metals | ppm | EP | | 10 | <1 |
| * Chromium (Cr) | ppm | EP | | 0.05 | <0.05 |
| * Copper (Cu) | ppm | EP | | 0.1 | <0.1 |
| * Lead (Pb) | ppm | EP | | 0.1 | <0.1 |
| * Nickel (Ni) | ppm | EP | | 0.2 | <0.1 |
| * Tin (Sn) | ppm | EP | | 0.1 | <0.1 |
| * Arsenic (As) | ppm | AQAC 986.15 | | 0.5 | 0.0 |

* Parameter is not tested on every batch and result is determined statistically

Recommended retest date/expiry date is only valid for product in its original and unopened package.

This is a computer generated printout and no signature is required.