

CERTIFICATE OF ANALYSIS

PRODUCT NAME: NEEM OIL, COLD PRESSED ORGANIC

Bomar Batch: R0732 (LOT0013933)

PRODUCT INCI: MELIA AZADIRACHTA SEED OIL

PRODUCT CODE: K0301

CAS NUMBER: 8002-65-1 / 90063-92-6

EINECS NUMBER: 290-052-2

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 06/12/2022

BEST BEFORE DATE: 06/06/2024

| ANALYTICAL DETAILS | RANGE % | RESULTS |
|--|--|---------|
| APPEARANCE | OILY LIQUID (ROOM TEMP), SOFT BUTTER (<10°C) | - |
| ODOUR | CHARACTERISTIC | - |
| COLOUR | GREEN – BROWN | - |
| REFRACTIVE INDEX @ 20°C | 1.450 – 1.473 | 1.473 |
| SPECIFIC GRAVITY @ 20°C | 0.900 – 0.940 | 0.939 |
| ACID VALUE | <9.0 | 8.7 |
| SAPONIFICATION VALUE | 190.0 – 205.0 | 192.82 |
| UNSAAPONIFIABLE MATTER | <2.0 | 1.9 |
| PEROXIDE VALUE (MEQ O ₂ / KG) | <20.0 | 3.6 |
| AZADIRACTIN (PPM) | <2500 | 435 |

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