אצוות אריזה 1281734420

DSM
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MEG-3™
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## Bulk Capsules
## Certificate of Analysis

**Product Name:** MEG-3™ 4020 EE 1065MG Caps
**DSM Lot #:** 4502344
**DSM Product Number:** 5015223
**Product/Document Code #:** DNPAM-OPS-SPEC-008804.08

| ANALYSIS | SPECIFICATIONS | RESULTS |
|---|---|---|
| Appearance | Oblong uncolored translucent #20-22 soft-gel capsule containing a clear light yellow oil, without sediment at room temperature (15°C - 25°C) | Pass |
| Colour | Gardener Colour Max. 6 | 5 |
| Disintegration | Max. 30 minutes | 3 minutes |
| Free Fatty Acid (as % Oleic) | Max. 1.5% | 0.4 |
| Acid Value | Max. 3.0 mg of KOH/g | 0.8 |
| p-Anisidine Value | Max. 20 | 6 |
| Peroxide Value | Max. 5 meq/kg | 3 |
| Totox Number | Max. 26 (duration of shelf life) | 12 |
| Moisture | Max. 0.1% | 0.0 |
| **Fatty Acid Profile** | | |
| EPA (%) | Min. 40 | 47 |
| DHA (%) | Min. 20 | 23 |
| EPA mg/g (expressed as EE) | Min. 420 mg/capsule | 450 |
| EPA mg/g (expressed as FFA) | Min. 380 mg/capsule | 420 |
| DHA mg/g (expressed as EE) | Min. 210 mg/capsule | 230 |
| DHA mg/g (expressed as FFA) | Min. 190 mg/capsule | 210 |
| Total Omega-3 (%) | Min. 60 | 80 |
| Total Omega-3 mg/g (expressed as EE) | Min. 630 mg/capsule | 780 |
| **Antioxidants** | | |
| "IP" Mixed Natural Tocopherols | Minimum 2 mg/g | Compliant |
| **Fill Weight** | | |
| Average fill weight | 959-1172 mg/capsule | 1085 mg/capsule |
| **Microbiological Tests (as per Encapsulator)** | | |
| Total Aerobic Plate Count | ≤1000 CFU/g | <10 CFU/g |
| Yeast/Mold | ≤100 CFU/g | <10 CFU/g |
| Pseudomonas | Negative/10g | Negative |
| Salmonella | Negative/10g | Negative |
| S. aureus | Negative/10g | Negative |
| E.coli | Negative/10g | Negative |
| Coliforms | ≤10 MPN/g or CFU/g | <10 CFU/g |
| **Contaminant Data (based on input oil)*** | | |
| Dioxins & Furans (PCDDs and PCDFs) | Max. 1.0 pg WHO-PCDD/FTEQ/g | Compliant |
| Dioxin-Like PCBs** | Max. 2 pg WHO-Dioxin Like PCBs-TEQ/g | Compliant |
| Sum Dioxins & Furans + Dioxin Like PCBs | Max. 3.0 pg WHO-PCDD/F + Dioxin Like PCBs-TEQ/g | Compliant |
| PAHs: Benzo(a)pyrene | Max. 1 | Compliant |
| PAH 4*** | Max. 10 ppb | Compliant |
| Total PCBs (209 congeners)**** | Max. 0.02 ppm | Compliant |
| Arsenic | <0.1 ppm | Compliant |
| Lead | <0.05 ppm | Compliant |
| Cadmium | <0.01 ppm | Compliant |
| Mercury | <0.005 ppm | Compliant |
| Strontium (Canada only) | Max. 0.5 ppm | Compliant |

*Results for contaminants may be expressed as either compliant/non compliant (based on Master Batch Testing) or as actual results
**Sum of IUPAC No. 81, 77, 126, 169, 105, 114, 118, 123, 156, 157, 167 and 189
***PAH 4: Sum of Benzo(a)pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene and Chrysene
****Total PCBs (209 congeners): Sum of IUPAC No. 1 - 209

DSM Nutritional Products (DNP) complies with the GOED Voluntary Monograph with respect to the purity of its products. The product described in this document will be delivered with PCB levels as specified and may be made into consumer products with recommended dosages resulting in consumption of up to 4.4 grams of fish oil per day without triggering PCB-related warning obligations. If offered for sale in California, consumer products made with the product described in this document having recommended daily dosages containing higher amounts of fish oil per day or which are combined with products containing higher levels of PCBs may be subject to claims under that states Safe Drinking Water and Toxic Enforcement Act of 1986 ("Proposition 65") unless the consumer product manufacturer labels such products with clear and reasonable Proposition 65 warnings.

Quality Control Manager (or delegate)

Date 18APR2019

DSM NUTRITIONAL PRODUCTS CANADA INC.
OFFICIAL DOCUMENT
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