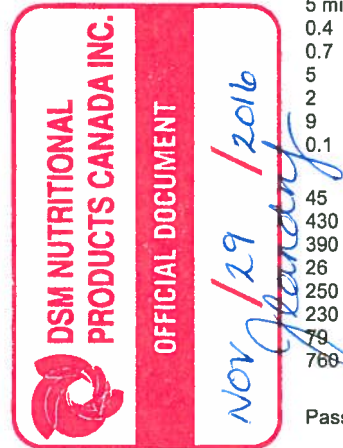


Bulk Capsules
Certificate of Analysis

Product Name: MEG-3™ 4020EE 1065MG Caps
DSM Lot #: 4103933 **Product/Document Code #:** DNPAM-OPS-SPEC-008804.07
DSM Product Code: 5015223

ANALYSIS	SPECIFICATIONS	RESULTS
Appearance	Oblong, uncolored translucent #20-22 soft-gel capsules 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	5 minutes
Free Fatty Acid (as % Oleic)	Max. 1.5%	0.4
Acid Value	Max. 3.0 mg of KOH/g	0.7
p-Anisidine Value	Max. 20	5
Peroxide Value	Max. 5 meq/kg	2
Toxox Number	Max. 26	9
Moisture	Max. 0.1%	0.1
Fatty Acid Profile		
EPA (A%) based on 24 peak analysis	Min. 40%	45
EPA mg/g (as EE)	Min. 420 mg/capsule	430
EPA mg/g (as FFA)	Min. 380 mg/capsule	390
DHA (A%) based on 24 peak analysis	Min. 20%	26
DHA mg/g (as EE)	Min. 210 mg/capsule	250
DHA mg/g (as FFA)	Min. 190 mg/capsule	230
Total Omega-3 (A%) based on 24 peak analysis	Min. 60%	79
Total Omega-3 mg/g (as EE)	Min. 630 mg/capsule	769
Antioxidants		
"IP" Mixed Natural Tocopherols	Min. 2 mg/g	Pass
Fill Weight		
Average fill weight	Min. 959 – Max. 1172 mg/capsule	1070 mg/capsule
Microbiological Tests (as per Encapsulator)		
Total Aerobic Plate Count	≤3000 CFU/g	<10 CFU/g
Total Combined Yeast and Mold	≤300 CFU/g	<10 CFU/g
Escherichia coli	Negative/10 g	Negative
Salmonella	Negative/10 g	Negative
Staphylococcus aureus	Negative/10 g	Negative
Pseudomonas aeruginosa	Negative/10 g	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
Total PCBs***	Max. 0.02 ppm	Compliant
PAHs: Benzo(a)pyrene	Max. 1 ppb	Compliant
PAH 4****	Max. 10 ppb	Compliant
Arsenic	<0.1 ppm	Compliant
Cadmium	<0.01 ppm	Compliant
Lead	<0.05 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.

***Sum of IUPAC No. 1-209

****PAH 4: Sum of benzo(a)pyrene, benzo(b)anthracene, benzo(b)fluoranthene and chrysene

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 state's 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.

A. Crowell
Quality Control Manager (or delegate)

24 NOV 2016
Date