

## PRODUCTS DATASHEET

### Nutraceutical

#### Products

##### Ultra Purity (EE/TG)

Omega-3H EPA700	EPA: 700 mg/g Min	Acid Value: 0.5 mgKOH/g Max Peroxide Value: 2 meq/kg Max Anisidine value: 5 Max TOTOX: 10 Max
Omega-3H DHA700	DHA: 700 mg/g Min	
Omega-3H 7505	EPA: 75%A Min DHA: 5%A	
Omega-3H 7010	EPA: 70%A Min DHA: 10%A	
Omega-3H 0575	EPA: 5%A DHA: 75%A Min	
Omega-3H 1070	EPA: 10%A DHA: 70%A Min	

##### EPA rich (EE/TG)

Omega-3H 6015	EPA: 60%A Min DHA: 15%A Min
Omega-3H 5525	EPA: 55%A Min DHA: 25%A Min
Omega-3H 5025	EPA: 50%A Min DHA: 25%A Min
Omega-3H 5020	EPA: 50%A Min DHA: 20%A Min
Omega-3H 4030	EPA: 40%A Min DHA: 30%A Min
Omega-3H 4020	EPA: 40%A Min DHA: 20%A Min
Omega-3H 3624	EPA: 36%A Min DHA: 24%A Min
Omega-3H 3322	EPA: 33%A Min DHA: 22%A Min
Omega-3H 3020	EPA: 30%A Min DHA: 20%A Min

##### DHA rich (EE/TG)

Omega-3H 2050	EPA: 20%A Min DHA: 50%A Min
Omega-3H 1050	EPA: 10%A Min DHA: 50%A Min
Omega-3H 2040	EPA: 20%A Min DHA: 40%A Min
Omega-3H 1040	EPA: 10%A Min DHA: 40%A Min

#### Definition

EE: Ethyl Ester

TG: Triglycerides

%A: % Area (peak)

EPA: C20:5, Omega-3 Fatty Acids, consist of all cis forms of 5, 8, 11, 14, 17-eicosapentaenoic acid

DHA: C22:6, Omega-3 Fatty Acids, consist of all cis form of 4, 7, 10, 13, 16, 19-docosahexaenoic acid

## Specification (general)

Test	Unit	Max Value
Appearance	Colorless to pale yellow, clear	
Cold test 3 h/ 0°C (Stearin)	Clear	
Absorbance 233 nm	AU	0.5
Colour	Gardner	5
Cholesterol	mg/g	3.0
Oligomers	%	1.0
Acid value	mgKOH/g	1.0
Peroxide Value	meq/kg	3.0
Anisidine value		15
TOTOX		20
★ Triglycerides (for TG only)	%	60% Min

Following items are frequently analyzed 3 times per year

Test	Unit	Max Value	Typical Value
Asenic (As)	mg/kg	0.1	0.1
Lead (Pb)	mg/kg	0.1	0.05
Mercury (Hg)	mg/kg	0.1	0.005
Cadmium (Cd)	mg/kg	0.1	0.01
DDT (sum: p,p'-DDE + o,p'-DDT + p,p'-DDT + o, p'-DDD + p,p'-DDD )	mg/kg	0.05	0.01
HCB	mg/kg	0.05	0.005
Lindane	mg/kg	0.05	0.005
PCBs	mg/kg	0.09	0.01
Dioxins like PCBs	pg /g	3	3
PCDDs + PCDFs (Dioxins + Furans)	pg /g	1	1
PCDDs + PCDFs + dioxin-like PCBs	pg /g	4	4

**Storage:** Stored in unopened original closed container, protected from light and heat.

**Packaging:** Steel drum with protection under nitrogen atmosphere, 190 kg net

**Shelf Life:** Maximum 24 months.

**Antioxidants:** 2.8~4.5 mg/g of GMO free natural  $\alpha$ -tocopherol can be added at customers requests.