

SALES SPECIFICATION

Lecithin

Product Specification Sheet

Product Description

A natural mixture of soy derived phosphatides (lipid fractions) obtained by physical production processes from soybeans.

Product Application

Pharma/Industrial applications.

| Chemical Specification | | Analytical Method | AOCS Method |
|-------------------------------|------------------|-------------------|---|
| Moisture (Volatiles): | 1.0% max | WI-20.L | ---- |
| Acid Value (KOH mg/gr): | 30 max | WI-29.L | Ja 6-55 |
| Acetone Insoluble: | 60% min | WI-27.L | Ja 4-46 |
| Peroxide Value (meq/kg): | 10 max | WI-30.L | Ja 8-87 |
| Hexane Insoluble: | 0.6% max | WI-28.L | Ja 3-87 |
| Microbiological Specification | | Analytical Method | Israeli Std. (IS) 885 Based on ISO 7218 - 1996 STD. |
| Standard Plate Count: | 30,000 cfu/g max | WI-62 | IS 885-Part 3 |
| Salmonella: | Negative in 25 g | WI-66 | IS 885-Part 7 |
| E. Coli: | Negative in 1 g | WI-69 | IS 885-Part 12 |
| Physical Specification | | Analytical Method | AOCS Method |
| Particle Size | | | |
| Viscosity: | 15,000 cps max | WI-43.L | Ja 10-87 |

Shelf life, Storage and Transportation

Shelf life is 24 months from production date, when stored in original closed package under dry and cool conditions. Product packaging integrity must be maintained and the storage area should be free of strong and objectionable odors. Transportation should be in a clean lorry/container at ambient temperature and not with incompatible materials.

Packaging

Lecithin I E-322 is packaged in food grade inner-coated steel drums, net weight 200 kg.

Ingredients

Soy lecithin

Allergen Information

Contains soy.

Labeling (unless otherwise required)

The package labeling includes: product name, ingredient statement, name and address of manufacturer, identification code, production date and best before date. Information presented herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief. Since conditions of use of this information or materials supplied by us are not under our control, we must necessarily disclaim all liability with respect to the use of such information or material supplied by us and make no warranty as to the results obtained from the use of the same.

SALES SPECIFICATION

COD LIVER OIL WINTERIZED REFINED DEODORIZED

| Chemicals analysis | Specifications SETALG | Results |
|--|--------------------------|----------|
| Vitamine A / <i>Vitamin A</i> (i.u/g) | > 1000 i.u/gr | 1158 |
| Vitamine D ₃ / <i>Vitamin D₃</i> (i.u/g) | >100 i.u/gr | 126 |
| Free fatty acids (%) | - | 0.06 |
| Indice d'iode / <i>Iodine value</i> | 150-180/100g | 161 |
| Valeur de saponification / <i>Saponification value</i> | - | 186 |
| Matière insaponifiable (dans l'huile pure) / <i>Unsaponifiable matter (in pure oil) (%)</i> | < 1.5% | 1,1 |
| Indice de réfraction à 20°C / <i>Refractive Index at 20°C</i> | 1.477-1.484 | 1,479 |
| Test à froid à 0°C pendant 3 heures / <i>Cold test at 0°C 3 hours</i> | clear | clear |
| Poids / <i>Weight, g/mL at 20°C</i> | - | conforms |
| Eicosapentaenoic acid EPA (area %) | 7-16 | 9,7 |
| Docosahexaenoic acid DHA (area %) | 6-18 | 11,8 |
| Polyunsaturated fatty acid PUFA (area %) | - | >20,0 |
| Indice peroxide / <i>Peroxyde value</i> (meq. O ₂ /kg) | < 10 Meq/kg | 1,7 |
| Valeur anisidine / <i>Anisidine value</i> | < 30 | 7,1 |
| Dioxins and furans (WHO ₂₀₀₅ TEQ pg/g) | <1.75pg/g fat | Conforms |
| Dioxin-like PCBs (WHO ₂₀₀₅ TEQ pg/g) | <6.0pg/g fat | Conforms |
| PCB (congeners 28,52,101,118,138,153,180) (ng/g) | < 200 ng/g fat | Conforms |
| Cadmium / <i>Cadmium</i> (Cd) (mg/kg) | <0.1ppm | <0.01 |
| Mercure / <i>Mercury</i> (Hg) (mg/kg) | <0.1ppm | <0.005 |
| Plomb / <i>Lead</i> (Pb) (mg/kg) | <0.1ppm | <0.1 |



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SALES SPECIFICATION

ALGALITHE®

Phymatolithon calcareum

Algalithe® - Phymatolithon calcareum- is a red seaweed from the Corallinacea family. Such as coral, its thallus forms miniature trees of several centimeters long, with ramifications of a few millimeters.

Algalithe® is used in nutraceuticals but also in cosmetics and food.

Specifications

| Criteria | Specifications | Reference |
|---------------------------------------|----------------|-------------------------------|
| Calcium (Ca) | > 29 % | Internal |
| Magnesium (Mg) | > 2 % | Internal |
| Cadmium (Cd) | ≤ 3 mg/kg | EC 629/2008 and modifications |
| Mercury (Hg) | ≤ 0,1 mg/kg | 629/2008 EC and modifications |
| Lead (Pb) | ≤ 3 mg/kg | 629/2008 EC and modifications |
| Total micro-organism obtained at 30°C | ≤ 10 000 CFU/g | PE3B |
| Salmonella | Neg/25g | PE3B |
| Yeast and mould | ≤ 100 CFU/g | PE3B |
| Staphylococcus coagulase + | Neg/g | PE3B |
| Enterobacteria | ≤ 100 CFU/g | PE3B |
| E.coli | Neg/g | PE3B |

Particule size & Packaging

T100, 95% < 150µm
T500, 95% < 32µm
25µm, 95% < 25µm
Product packaged in 25 kg bag

Storage

This product can be kept 3 years, in a clean and dry area, out of the light.
Preservatives: Absence

Allergens

May contain traces of crustaceans, fish, shellfish.
Exhaustive list on request.

NUTRACEUTICALS

Nature Seaweed

Aspect Powder

Colour White-creamy white to grey



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SALES SPECIFICATION

Corel Calcium

Food & nutraceuticals



Description

Our Marine Calcium contains calcium and phosphorus in the form of hydroxyapatite. The Hydroxyapatite is an identical crystal form to that of human bone, it contains a specific ratio of calcium/phosphorus. Our Marine Calcium has particularly a high calcium bioavailability.

Marine Calcium is obtained by enzymatic hydrolysis from edges of fish.

Application

Properties

With a calcium content of more than 20% and a phosphorus content superior to 10%, marine calcium contributes to meet the needs of organism in minerals.

Properties

Marine Calcium is used in the nutritional supplements in tablet, capsules or in drinks... but also in food industry.

Characteristics

| | | |
|--------------|--------------------------------------|-------------|
| Nature | Fish extract | |
| Aspect | Powder | |
| Colour | White to beige | |
| Smell | Distinctive | |
| T100 | Particle size | Unit Weight |
| Packaging | 150 µm | 20 kg |
| Storage | Bag | |
| Shelf life | Special packaging on request | |
| Preservation | In a clean dry area out of the light | |
| | 2 years | |
| | Without preservatives | |

Guarantees

Without GMO
Without BSE
Without additives

Specifications

| Criteria | References | | |
|-------------------------------------|-----------------|--------------|----------------|
| | CSHPF | 629-2008 | PEB |
| Proteins (collagen II) | 25 - 35 % | 25 - 35 % | 25 - 35 % |
| Minerals | 64 - 70 % | 64 - 70 % | 64 - 70 % |
| Calcium | > 21 % | > 21 % | > 21 % |
| Phosphorus | > 10 % | > 10 % | > 10 % |
| Moisture | < 8 % | < 8 % | < 8 % |
| Mineral arsenic (As) | ≤ 3 ppm | ≤ 3 mg/kg | |
| Cadmium (Cd) | ≤ 0.5 ppm | ≤ 3 mg/kg | |
| Mercury (Hg) | ≤ 0.1 ppm | ≤ 0.1 mg/kg | |
| Lead (Pb) | ≤ 5 ppm | ≤ 3 mg/kg | |
| Tin (Sn) | ≤ 5 ppm | ≤ 5 mg/kg | |
| Iodin (I) | ≤ 2000 ppm | ≤ 2000 mg/kg | |
| Total micro organisms | ≤ 100 000 CFU/g | | ≤ 10 000 CFU/g |
| Thermotolerant coliforms | ≤ 10 CFU/g | | |
| Anaerobic sulfite reducing bacteria | ≤ 100 CFU/g | | |
| Staphylococcus coagulase + | ≤ 100 CFU/g | | |
| Moulds & Yeasts | | | ≤ 100 CFU/g |
| Clostridium perfringens | ≤ 1 CFU/g | | |
| Salmonella | Abs/25g | | Abs/25g |
| Enterobacteria | | | ≤ 100 CFU/g |
| E. coli | | | Abs/g |



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