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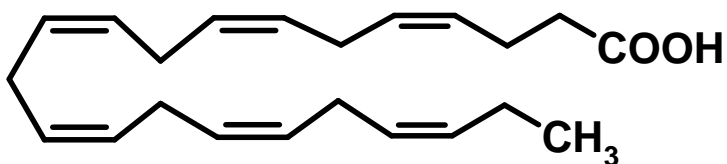
Product Specifications

Docosahexaenoic Acid (Powder)

CAS 6217-54-5

Syn: (all-*Z*)-4,7,10,13,16,19-Docosahexaenoic Acid, DHA

Structure:



Mol. Formula
Source

C₂₂H₃₂O₂
Cryptocodinium Cohnii

Mol. Wt.

328.49

<i>Test</i>	<i>Specification</i>
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Identity	IR
Appearance	White to light-yellow free-flowing powder
Assay Docosahexaenoic Acid	7-15 g/100g
Peroxide Value	< 5 meq/Kg
trans-Fatty Acids	< 0.5 %
Free Fatty Acid	< 1.0 mg (KOH)/g
Lead	< 0.5 ppm
Arsenic	< 0.5 ppm
Copper	< 0.2 ppm
Mercury	< 0.2 ppm
Cadmium	< 0.2 ppm
Moisture	≤ 5 %
Protein	≥ 3 %
Calcium	≤ 300 mg/g

- Cont'd -

- Cont'd -

<i>Test</i>	<i>Specification</i>
Phosphorus	≤ 150 mg/g
Nitrate	≤ 100 mg/Kg
Nitrite	≤ 5 mg/Kg
Aflatoxin B1 or Aflatoxin M1	< 1.3 g/Kg
<u>Microbiological Specification</u>	
Total Plate Count	< 5000 CFU/g
<i>E. Coli</i>	< 40 mpn/100g
<i>Enterobacter Sakazakii</i>	Absent
<i>Papthogenin Germ</i>	Absent
Mold and Yeast	< 25 CFU/g

This product is suitable for use in food products, including baby formula.

Storage: The product, in the sealed original packaging, should be stored in at 0° to -10 °C. Under these conditions, the shelf-life of Arachidonic Acid is 24 mo. Transportation and storage at ambient temperatures for short periods of time will not impact the shelf-life.

Stability: The product is sensitive to air, heat and light and should be used as soon as possible after opening .