

ARA Oil-40%

Product description:

Arachidonic acid enriched oil is produced via microbial fermentation by *Mortierella alpina*. It is widely used in the production of food products, including baby food and food for young children.

Physicals and Sensory

Item	Specification	Method
Appearance	Light yellow to yellow	GB 26401
Flavor and Odor	Characteristic flavor and odor, no off-odor	
Liquidity	Liquid oil	

Nutrition and Chemicals

Item	Value	Method
ARA (Arachidonic Acid) (%)	40 min	GB 26401
Acid Value (mg/g KOH)	1.0 max	GB 5009.229
Peroxide Value (meq/kg)	5.0 max	GB 5009.227
Solvent Residue (mg/kg)	10 max	GB 5009.262
Moisture (%)	0.1 max	GB 5009.3
Unsaponifiable Matter (weight/%)	4.0 max	GB/T 5535.1
Lead (mg/kg)	0.1 max	GB 5009.12
Arsenic (mg/kg)	0.1 max	GB/T 5009.11
Mercury (mg/kg)	0.05 max	GB/T 5009.17
Impurity (weight/%)	0.2 max	GB/T 15688
Trans Fatty Acids (weight/%)	1.0 max	GB/T 5413.36
Aflatoxin B1 (µg/kg)	5.0 max	GB 5009.22

Microorganisms

Item	Value	Method
Total Plate Count (CFU/g)	1000 max	GB 4789.2
Coliforms (CFU/g)	10 max	GB 4789.3
Molds and Yeast (CFU/g)	25 max	GB 4789.15
Salmonella sp (/25g)	Negative	GB 4789.4
Escherichia coli (/g)	Negative	GB 4789.38

Storage:

Please keep barrel sealed and store in cold, dry and clean environment ($<4^{\circ}\text{C}$), best to be stored under -18°C .

Please restore to room temperature before opening.

Please use up as soon as possible once the package is open.

Please fill with nitrogen and store in frozen in case there is any left.

Shelf Life:

Up to 12 months at 4°C , 24 months at -18°C and below

Packaging:

Basically is 5 kg aluminum barrel, filled with nitrogen.

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