

LIPEX® 120

Product number(s) | Site(s) of manufacturing

8533 | AAK-SE

Version

01

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Description

LIPEX® 120 is a pure, refined, high quality rapeseed oil that is naturally rich in omega -3, omega-6 and omega-9 fatty acids and additionally enhanced with stabilising antioxidants.

LIPEX® 120 is liquid at room temperature.

The added antioxidants help extend the quality and shelf life of formulations

INCI: Canola Oil, EINECS number: 601-748-6, Alternative EC. No 273-313-5, 232-990-0 CAS number: 120962-03-0, Alternative CAS. No 68956-68-3, 8002-13-9.

Application

LIPEX® 120 is used in cosmetic and dermatological applications in skincare products, bath oils and body oils for a high value treatment of the skin.

Specifications

Acid value (mg KOH/g)	Max 0,2	IUPAC 2.201(m)
Peroxide value (meq/kg)	Max 1,0	AOCS Cd 8-53
Iodine value Hanus	100 - 120	IUPAC 2.205(m)

Typical values

Unsaponifiable matter (%)	1	AOCS Ca 6a-40
Saponification Value (mg KOH/g)	190	IUPAC 2.202
Hydroxyl value (mg KOH/g)	3	AOCS Cd 13-60(m)
Density 30°C (g/cm3)	0,91	Electronic density meter
Cloudpoint (°C)	-16	ASTM D97 SS-EN 23015(m)
Pourpoint (°C)	-20	ASTM D97 SS-ISO 3016(m)
Refractive index 60°C	1,459	Automatic Refractometer
Oil stability index 110°C (h)	12	AOCS Cd 12b-92(m)
Fatty acid composition		IUPAC 2.304
C16:0 (%)	4,5	
C18:0 (%)	1,5	
C18:1 (%)	58,5	
C18:2 (%)	21,5	
C18:3 (%)	10,5	
C20:0 (%)	0,5	
C20:1 (%)	1,5	
Erucic acid (%)	Max 0,5	IUPAC 2.304

Additives

Sunflower Oil
Lecithin
Ascorbyl palmitate
DL-Alpha-tocopherols

Above product is produced according to relevant national legislation. Specified values are guaranteed by AAK at the time of manufacture.
As the specific application is beyond our control, users should conduct their own tests to assure the suitability of the product for a specific application.



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Packaging

185 kg drums

Storage

LIPEX® 120 should be stored in dark, dry and odour free conditions. Recommended storage temperature is 15-20°C or below.

Shelf life

When stored in unopened original container according to recommended storage conditions, the recommended maximum storage time is 18 months from the production date. Within this time LIPEX® 120 fulfils the shelflife specification.

Shelf life specification

Peroxide value (meq/kg) max 5

Acid value max 1.0

Other information

For additional information about ecological data, shelf life and handling instructions see Product Documentation.

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