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TECHNICAL DATA SHEET REFINED RAPESEED OIL

Version : 18
Issue date : 01-07-2023

Product description

Rapeseed oil is a 100% vegetable oil and non GMO.
Refined Rapeseed oil is edible oil and is refined, bleached and deodorized.

Application

Refined Rapeseed oil is for use in margarine, mayonnaise, salad dressing, salad oil, baking and frying.

Storage conditions

Packed : Unopened in cool dry and dark environment.
Bulk : Dark, stainless steel tanks, max 30 °C and loading in a clean tank.

Shelf Life

Packed : 2 years after date of production, after proper storage.
Bulk : 1 year after date of production, after proper storage.

Transport Conditions

According Dutch and European legislation for food products.

Packaging

Packed : Bottles (PET), cans (HDPE).
Bulk : Intermediate Bulk Container (IBC), flexi-bag, tank-container and tank-car.

Allergens

According to Regulation consolidated 1169/2011/EC

Pesticides

According to Regulation 396/2005/EC, MRL.

Chemical and physical characteristics

PARAMETER	UNIT	TOLERANCE	TEST METHOD
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GENERAL

General	Colour Lovibond	5¼ inch	Max. 15Y - 1,5R	NEN 6308
General	FFA (as Oleic Acid)	%	Max. 0,1	NEN-EN-ISO 660
General	Impurities	%	Negative	NEN-EN-ISO 663
General	Iodine Value	g I ₂ /100g	105 - 126	NEN-EN-ISO 3961
General	Moisture	%	Max. 0,1	ISO 662
General	Peroxide Value at loading	meq/kg	Max. 1,0	ISO 3960
General	Saponification Value	mg KOH/g	187,0 - 195,0	NEN 6337

SPECIFIC

Specific	Flash Point	°C	> 280	
Specific	Phosphorus	mg/kg	Max. 5	
Specific	Refractive index at 20 °C	(n/D)20	1,465 - 1,475	NEN 6320
Specific	Relative density at 23 °C	g/cm ³ (20°C)	0,91 - 0,93	NEN 6111
Specific	Smokepoint	°C	> 200	
Specific	Soap contents	mg/kg	Max. 50	NEN 6330
Specific	Unsaponifiable matter	%	Max. 2,0	NEN 6328

HEAVY METALS

Heavy metals	Arsenic (As)	mg/kg	Max. 0,1	ISO 11212-1
Heavy metals	Copper (Cu)	mg/kg	Max. 0,1	ISO 8294
Heavy metals	Iron (Fe)	mg/kg	Max. 1,5	ISO 8294
Heavy metals	Lead (Pb)	mg/kg	Max. 0,1	ISO 8294

MICROBIOLOGY

Microbiological	Enterobact.	cfu/g	Max. 10	Afnor 3M01/6 - 09/97
Microbiological	Lipolyt. m.o.	cfu/g	Max. 10	Petrifilm
Microbiological	Moulds	cfu/g	Max. 10	AOAC Method 997.02
Microbiological	Salmonella	25 g	Absent	ISO 6579
Microbiological	Total plate count	cfu/g	Max. 1000	Afnor 3M01/1 - 09/89
Microbiological	W.O. E .Coli	cfu/g	Absent	Petrifilm
Microbiological	Yeasts	cfu/g	Max. 10	AOAC Method 997.02

PAC & PCB

PAC	Benz(a)pyrene (BaP)	mg/kg	Max. 0,002	ISO 15302
	PAC 4	mg/kg	Max. 0,010	ISO 15302
Pesticides	Pesticides		According to Regulation (EC) no. 396/2005, MRL	According to Directive 90/642/EEC, MRLO

TOXINES

Toxines	Aflatoxin B1	mg/kg	Max. 0,002	AOCS Ab6-68; D.1998/83/EC; amended by 2002/27/EC
Toxines	Aflatoxin B1 + B2 + G1 + G2	mg/kg	Max. 0,004	AOCS Ab6-68; D.1998/83/EC; amended by 2002/27/EC
Toxines	Dioxins in vegetable oil	pg WHO-TEQ/g vet	Max. 0,75	Fediol list approved labs; www.fediol.be/codes.htm

FATTY ACID COMPOSITION

Fatty acid composition	Mono-unsaturated Fatty Acids	%	Min. 54	NEN-EN-ISO 5508
Fatty acid composition	Poly-unsaturated Fatty Acids	%	Abt. 30	NEN-EN-ISO 5508
Fatty acid composition	Saturated Fatty acids	%	Abt. 8	NEN-EN-ISO 5508
Fatty acid composition	C 22:1 Erucic Acid	%	Max. 5	NEN-EN-ISO 5508
Fatty acid composition	Trans Fatty Acids	%	Max. 1.5	NEN-EN-ISO 5508

DISCLAIMER:

1. All parameters are based on quality final at loading.
2. All products are analysed according to comparable VOF test methods.
3. No responsibility or liability for any consequences arising from the use of this document can be accepted.
4. This technical data sheet replaced all previous versions.