



NHR ORGANIC OILS
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Product Specification

Organic Cranberry Seed Oil

(Vaccinium macrocarpon)

Product Description

Cranberry Seed Oil Unrefined Organic is obtained from the dried seeds of *Vaccinium macrocarpon* by cold pressing.

INCI Name and CAS No.

INCI Name:	CAS no.:	EC/EINECS no.:
Vaccinium macrocarpon seed oil	91770-88-6	294-875-8

Specifications

Appearance:	Clear oil
Odor:	Characteristic
Color:	Yellow to greenish

Free Fatty Acid (% oleic acid):	Max. 5.0
Iodine Value (g I ₂ /100 g):	150 - 175
Peroxide Value (meq/kg):	Max. 20
Saponification Value (mg KOH/g):	185 - 200

Fatty Acid Composition (%):		
Palmitic	C16:0	2 - 10
Stearic	C18:0	1 - 8
Oleic	C18:1	18 - 30
Linoleic	C18:2	30 - 40
Linolenic	C18:3	25 - 35

Variations in the composition are due to climatic and geographical influences.

Storage

Keep in a cool (preferably below 10°C, the cooler the better), dark and dry store-room.

Shelf Life

Under optimal storage conditions, in original unopened drums/containers, appx two years.

Animal Testing

This product does not contain any animal ingredient. There is no contamination of any animal parts during any stage of production, packing and delivery. The product has never been tested on animals, as it is and has always been strict company policy not to test products on animals in any form.

Food Grade

This product is produced as food quality.

CMR Substances

This product does not contain CMR compounds of category 1A, 1B or 2.

BSE and TSE

This product does not contain BSE (Bovine Spongiform Encephalopathy) or TSE (Transmissible Spongiform Encephalopathy). No materials of human or animal origin are used or come in contact with the product during the manufacturing and packaging processes.

Allergens

This product contains no fragrance nor food allergens according to the EC 1223/2009 and its amendments or EC Regulation 1169/2011 and its amendments.

GMO

This product is totally GMO free.

Nano-Technology

This product has been manufactured without use of any kind of Nano-technology and does not contain ingredients resulting therefrom.

Irradiation

This product has not been subjected to irradiation or radioactivity.

Sewer Sludge

The species, this product originates from, has been grown without use of sewer sludge.

Prop 65

This product is devoid of the materials in the Californian Safe Program Proposition 65.

Responsible Sourcing Statement

This product is produced under safe conditions in compliance with social and environmental rules by authorized suppliers using voluntary labor.

Nagoya

This product is sourced from a country which complies with the Nagoya protocol and is not endangered according to the Access/Benefit Sharing (Biodiversity) regulation.