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Hempseed Oil, Pressed Organic

PRODUCTION DESCRIPTION: Hemp (*cannabis sativa* L.) was already cultivated in China well over 6,000 years ago and widely spread in Europe since the 8th century BC. Hemp cultivation in Europe and America was a domain a classical farming before the World Wars. The more than four meter high stalks produce long and strong fabrics. The seeds contain around 26-35% oil which is a brownish-yellow, green-yellow or dark-yellow color with a seedy mild and slightly haylike order and taste. The oil is purely mechanically pressed at low temperatures and in a final step mechanically filtered. There is no after treatment (desodorization, refining). The EU allows for cultivation of hemp species with a tetrahydrocannabinol content (THC) of max 0.3%.

PROPERTIES:

Density (20°C)	0,923-0,927
Refractive index (20°C)	1,4751-1,479
Acid value	max. 4,0
Iodine value	150-170
Saponification value	189-194

Fatty Acid Composition:

Palmitic acid	C 16:0	4 – 8 %
Stearic acid	C 18:0	1 - 4 %
Oleic acid	C 18:1	9 – 18 %
Linoleic acid	C 18:2	50 – 65%
Linolenic acid	C 18:3	14 – 25 %
Linolenic acid	C 18:3	max. 4%
Parinar acid	C 18:4	max. 1,5 %
Arachidic acid	C 20:0	max. 1,5 %
Gadoleic acid	C 20:1	max. 1,0 %