



KERFOOT

Avril GROUP

SPECIFICATION

Version Number	2	Revision Date	10/04/2019
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PRODUCT IDENTIFIER	
Product Name	Hemp Unrefined Oil
Biological Definition	Cannabis Sativa Seed Oil is the fixed oil expressed from the seeds of Cannabis Sativa L., Cannabaceae
INCI Name	Cannabis Sativa Seed Oil
Internal Product Code	R00202
CAS Number	89958-21-4
EINECS Number	289-644-3

ANALYTICAL DETAILS	RANGE
Appearance	Clear bright yellow to green oil – can appear hazy in cooler temperatures
Odour	Characteristic
Colour Gardner	≤18.0
Specific Gravity @ 20°C	0.923 – 0.930
Refractive Index @ 20°C	1.470 – 1.482
Peroxide Value	≤15.0
Acid Value (mg KOH/g)	≤4.0
Free Fatty Acid (% as oleic)	≤2.0
Saponification Value	188.0 – 194.0
Unsaponifiable Matter	≤2.5
Moisture & Volatile Matter (%)	≤0.1
THC (ppm)	≤10.0
PCB's (Sum 28, 52, 101, 138, 153, 180)	≤40.0
Benzo(a)pyrene	≤1.0
Sum of B(a)P, B(a)A, B(b)F and Chrysene	≤10.0
Dioxins	≤0.75
Dioxins & Dioxin-like PCB's	≤1.25
Total Plate Count	≤1000
Yeast & Moulds	≤100
E. Coli	Absent
Salmonella	Absent
Staphylococcus Aureus	Absent

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North Yorkshire DL6 2XA UK



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Heavy Metals	Arsenic	≤0.1
	Cadmium	≤0.05
	Lead	≤0.1
	Mercury	≤0.05

Fatty Acid Profile	C16:0	Palmitic	4.0 – 8.0
	C18:0	Stearic	1.0 – 4.0
	C18:1	Oleic	5.0 – 20.0
	C18:2	Linoleic	46.0 – 65.0
	C18:3	Gamma Linolenic	≤5.0
	C18:3	Alpha Linolenic	14.0 – 28.0

Shelf Life	18 Months
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Each batch supplied is accompanied by a Certificate of Analysis which shall include results for the parameters listed above. However when more data is available we will include on the Certificate of Analysis for your information. We cannot guarantee these results for each batch we supply. The information contained herein is believed to be true and correct at the time of our response. It is not, and should not be construed as, a guarantee or warranty, or a part of our contractual or other legal obligations. Disclosure, reproduction or transmission, in whole or in part, without prior written consent of Kerfoot, Avril Group is not permitted.

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