



# KERFOOT

**Avril** GROUP

## SPECIFICATION

Version Number	2	Revision Date	10/12/2018
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PRODUCT IDENTIFIER	
Product Name	Watermelon Refined Oil
Biological Definition	Citrullus Lanatus Seed Oil is the fixed oil obtained from the seeds of the Watermelon, Citrullus Lanatus, Cucurbitaceae.
INCI Name	Citrullus Lanatus Seed Oil
Internal Product Code	R00872
CAS Number	90244-99-8
EINECS Number	290-802-9

ANALYTICAL DETAILS	RANGE
Appearance	Clear, light yellow liquid
Odour	Almost odourless
Relative Density @ 20°C	0.915 – 0.925
Refractive Index @ 20°C	1.470 – 1.480
Colour Lovibond 5¼"	≤30.0, ≤2.5r
FFA (% as oleic acid)	≤0.5
Saponification Value	190 – 200
Peroxide Value	≤10.0
Iodine Value	120 - 135

Fatty Acid Profile	C16:0	Palmitic	9.0 – 13.0
	C16:1	Palmitoleic	≤0.5
	C18:0	Stearic	3.5 – 7.0
	C18:1	Oleic	13.0 – 25.0
	C18:2	Linoleic	55.0 – 65.0
	C18:3	Linolenic	≤0.5

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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