

Distilled Fatty Acids / Ácidos Grasos Destilados



SPECIFICATIONS ⁽¹⁾		MATER 41	MATER 42	MATER 44	MATER 46-1	MATER 46-2
TITER °C		40 - 46	41 - 45	42 - 45	46 - 51	46 - 51
ACID VALUE		202 - 207	202 - 207	202 - 207	202 - 207	202 - 207
SAPONIFICATION VALUE		202 - 207	202 - 207	202 - 207	202 - 207	202 - 207
IODINE VALUE		40 - 60	42 - 54	42 - 54	27 - 43	27 - 43
COLOR	LOVIBOND 5 1/4" <i>y</i>		≤ 20	≤ 20		≤ 10
	<i>r</i>		≤ 4	≤ 4		≤ 1
	GARDNER		≤ 3	≤ 3		
UNSATONIFIABLE MATTER	%	≤ 0.7	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5

CHAIN DISTRIBUTION %⁽²⁾

12:0	LAURIC	0.0 - 0.2	0.0 - 0.1			
14:0	MYRISTIC	0.0 - 3.5	0.0 - 3.5	0.0 - 2.0	0.0 - 3.5	0.0 - 3.5
14:1	MYRISTOLEIC	0.0 - 1.0	0.0 - 0.8	0.0 - 0.5	0.0 - 0.7	0.0 - 0.7
15:0	PENTADECANOIC	0.0 - 2.0	0.0 - 1.8	0.0 - 1.5	0.0 - 1.5	0.0 - 1.5
16:0	PALMITIC	20.0 - 30.0	22.0 - 28.0	22.0 - 28.0	23.0 - 30.0	23.0 - 30.0
16:1	PALMITOLEIC	0.0 - 4.0	0.0 - 3.5	0.0 - 4.0	0.0 - 3.0	0.0 - 3.0
17:0	MARGARIC	0.0 - 4.0	0.0 - 4.0	0.0 - 4.0	0.0 - 4.0	0.0 - 4.0
17:1	MARGAROLEIC	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 0.9	0.0 - 0.9
18:0	STEARIC	17.0 - 27.0	18.0 - 26.0	18.0 - 26.0	25.0 - 35.0	25.0 - 35.0
18:1	OLEIC	30.0 - 44.0	35.0 - 41.0	35.0 - 43.0	28.0 - 36.0	28.0 - 36.0
18:2	LINOLEIC	0.0 - 5.0	0.0 - 3.5	0.0 - 2.5	0.0 - 0.7	0.0 - 0.7
18:3	LINOLENIC	0.0 - 3.0	0.0 - 3.0	0.0 - 1.6		
19:0	NONADECANOIC	0.0 - 0.5	0.0 - 0.7	0.0 - 0.7	0.0 - 0.7	0.0 - 0.7
19:1	NONADECENOIC	0.0 - 0.5	0.0 - 0.4	0.0 - 0.4	0.0 - 0.4	0.0 - 0.4
20:0	ARACHIDIC	0.0 - 0.5	0.0 - 0.4	0.0 - 0.4	0.0 - 0.6	0.0 - 0.6
20:1	GADOLEIC	0.0 - 1.5	0.0 - 1.2	0.0 - 1.0	0.0 - 0.6	0.0 - 0.6

(1) Methods based in American Oil Chemists' Society Official Methods, 5th Ed., 1998

(2) Chain distribution data are determined by Gas Chromatography GC in a Hewlett Packard 6890 chromatograph.

Chain distribution and quality control data are mentioned in every Certificate of Analysis. All Distilled Fatty Acids are standard products.

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- 2021 EDITION - This tenth version replaces the former ones.

- EDICION 2021 - Esta décima versión reemplaza a todas las anteriores.