

Oleic Acid / Ácido Oleico



SPECIFICATIONS ⁽¹⁾		MATSOL 308	MATSOL 7012	MATSOL 101 OD	MATSOL 112 OD
TITER °C		5 - 7	4.5 - 7.5	5 - 7	4.5 - 7.5
ACID VALUE		198 - 204	198 - 204	198 - 204	198 - 204
SAPONIFICATION VALUE		198 - 204	198 - 204	198 - 204	198 - 204
IODINE VALUE		88 - 94	88 - 95	88 - 94	88 - 95
COLOR	LOVIBOND 5 ¼" y_r			≤ 10.0	≤ 15.0
				≤ 1.0	≤ 1.5
UNSATURATED MATTER	%	≤ 0.5	≤ 0.5	≤ 0.4	≤ 0.4

CHAIN DISTRIBUTION %⁽²⁾

14:0	MYRISTIC	0.0 - 2.5	0.0 - 2.5	0.0 - 2.5	0.0 - 2.5
14:1	MYRISTOLEIC	0.0 - 0.7	0.0 - 0.7	0.0 - 0.7	0.0 - 0.7
15:0	PENTADECANOIC	0.0 - 1.7	0.0 - 1.7	0.0 - 1.7	0.0 - 1.7
16:0	PALMITIC	3.5 - 5.0	3.5 - 5.5	3.5 - 5.0	3.5 - 5.5
16:1	PALMITOLEIC	2.5 - 7.0	2.5 - 7.0	2.5 - 7.0	2.5 - 7.0
17:0	MARGARIC	0.0 - 2.5	0.0 - 2.0	0.0 - 2.5	0.0 - 2.0
17:1	MARGAROLEIC	0.0 - 2.0	0.0 - 2.0	0.0 - 2.0	0.0 - 2.0
18:0	STEARIC	1.0 - 2.0	1.3 - 2.3	1.0 - 2.0	1.3 - 2.3
18:1	OLEIC	72.0 - 84.0	68.0 - 84.0	72.0 - 84.0	68.0 - 84.0
18:2	LINOLEIC	3.0 - 6.0	5.0 - 10.0	3.0 - 6.0	5.0 - 10.0
18:3	LINOLENIC	1.5 - 2.5	1.5 - 3.5	1.5 - 2.5	1.5 - 3.5
19:0	NONADECANOIC	0.0 - 0.1	0.0 - 0.2	0.0 - 0.1	0.0 - 0.2
19:1	NONADECENOIC	0.0 - 0.6	0.0 - 0.6	0.0 - 0.6	0.0 - 0.6
20:0	ARACHIDIC	0.0 - 0.2	0.0 - 0.2	0.0 - 0.2	0.0 - 0.2
20:1	GADOLEIC	0.0 - 1.8	0.0 - 1.8	0.0 - 1.8	0.0 - 1.8

(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 these Oleic Acids are standard products. Tailor-made products can be manufactured subject to volume.

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

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