

Stearic Acid / Ácido Esteárico



SPECIFICATIONS ⁽¹⁾		MATER 53 EF	MATER 55 EHD	MATER 58 TH	MATER 59 TH	MATER 60 THD	MATER 560-2
TITER °C		52.5 - 54.5	54.5 - 56.5	54 - 60	56 - 62	58 - 63	56 - 62
ACID VALUE		205 - 209	205 - 209	201 - 207	201 - 207	201 - 207	202 - 208
SAPONIFICATION VALUE		205 - 209	205 - 209	201 - 207	201 - 207	201 - 207	202 - 208
IODINE VALUE		10 - 15	0 - 1	5 - 9	2 - 5	0 - 1	0 - 1
COLOR	LOVIBOND 5 ¼" <i>y</i>		≤ 4			≤ 6	≤ 10
	<i>r</i>		≤ 0.4			≤ 0.8	≤ 1
	HAZEN 6" (APHA)		≤ 50			≤ 100	
UNSAAPONIFIABLE MATTER	%	≤ 0.5	≤ 0.4	≤ 0.5	≤ 0.5	≤ 0.4	≤ 0.4

CHAIN DISTRIBUTION %⁽²⁾

14:0	MYRISTIC	0.0 - 2.5	0.0 - 2.5	0.0 - 3.5	0.0 - 3.5	0.0 - 3.5	0.0 - 3.5
15:0	PENTADECANOIC	0.0 - 1.5	0.0 - 1.5	0.0 - 1.8	0.0 - 1.8	0.0 - 1.5	0.0 - 1.5
16:0	PALMITIC	38.0 - 45.0	40.0 - 48.0	25.0 - 40.0	25.0 - 40.0	25.0 - 40.0	25.0 - 40.0
16:1	PALMITOLEIC	0.0 - 1.0	0.0 - 0.2	0.0 - 0.9	0.0 - 0.4		
17:0	MARGARIC	0.0 - 4.5	0.0 - 4.5	0.0 - 4.5	0.0 - 4.5	0.0 - 4.5	0.0 - 4.5
17:1	MARGAROLEIC	0.0 - 0.4		0.0 - 0.2			
18:0	STEARIC	34.0 - 42.0	44.0 - 53.0	45.0 - 60.0	48.0 - 65.0	50.0 - 68.0	50.0 - 68.0
18:1	OLEIC	9.0 - 15.0	0.0 - 1.0	0.0 - 9.0	0.0 - 5.0	0.0 - 1.0	0.0 - 1.0
18:2	LINOLEIC	0.0 - 1.2					
18:3	LINOLENIC	0.0 - 0.4					
19:0	NONADECANOIC	0.0 - 0.9	0.0 - 0.9	0.0 - 0.9	0.0 - 0.9	0.0 - 0.9	0.0 - 0.9
19:1	NONADECENOIC	0.0 - 0.1					
20:0	ARACHIDIC	0.0 - 0.6	0.0 - 0.7	0.0 - 1.2	0.0 - 1.2	0.0 - 1.2	0.0 - 1.2
20:1	GADOLEIC	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 these Stearic 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.