



# S T E A R I C A C I D

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

## CHAIN DISTRIBUTION %<sup>(2)</sup>

14:0	MYRISTIC	0.0 - 1.2	0.0 - 2.5	0.0 - 3.5	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	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	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	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	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	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	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	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 capillary GLC 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.

All the information and technical data given in this brochure are believed to be correct. However, they cannot be considered as a guarantee with respect to the product they refer to or to its possible uses. All specifications are subject to changes without notice.

- 2002 EDITION - This fifth version replaces the former ones.

Toda la información y los datos técnicos que se dan en este catálogo son considerados correctos. Sin embargo, no pueden considerarse como una garantía con respecto al producto al que se refieren o a sus posibles usos. Todas las especificaciones pueden ser modificadas sin previo aviso.

- EDICION 2002 - Esta quinta versión reemplaza a todas las anteriores.

