

IP-FA_46 Distilled Fatty Acids

Specification sheet of: Distilled Fatty Acids

Criteria	Unit of measure	IP-C810_46	IP-C1270_46	IP-C1218_46	IP-C1618_46
Description		Caprylic-Capric Acid	Lauric Acid 70%	Distilled Topped Palm Kernel FA	Distilled C1618 FA
Chemical Properties					
Acid Value	mg KOH/g	345 - 365	267 - 275	245 - 260	195 – 210
Saponification value	mg KOH/g	346 - 366	268 - 276	246- 260	198 – 208
Iodine Value	g I ₂ /100g	0.5 max	0.5 max	13 - 24	60 – 80
Moisture	%	0.2 max	0.3 max	0.2 max	0.2 max
Physical Properties					
Appearance		Clear when melted, no extraneous matter			
Colour Lovibond	Y	3.0 max	3.0 max	5.0 max	2.0 max
	R	0.8 max	0.2 max	0.5 max	0.2 max
Composition by GC	%				
C6	%	0.5 max			
C8	%	53 – 63			
C10	%	37 – 47	1 max	1 max	
C12	%	1 max	70 – 76	46 – 58	
C14	%	0.1 max	23 – 30	14 – 20	1 max
C16	%		1 max	7 – 15	15 – 32
C18	%			4 max	6 – 12
C18:1	%			12 – 22	35 – 65
C18:2	%			5 max	4 – 14
C20 & higher	%				2 max
REACH Registration	#	01-211955294 36-0000, 01- 211955294-36- 0014	Available in end 2018	Exempted	Exempted
CAS number	#	68937-75-7	90990-10-6	90990-15-1	67701-08-0

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