

TECHNICAL DATA SHEET

Rev. 01/2017

CHEMICAL NAME
INCI NAME (UE)
INCI NAME (US)
CAS NUMBER
EINECS NUMBER

REFINED APRICOT KERNEL OIL
PRUNUS ARMENIACA KERNEL OIL
PRUNUS ARMENIACA (Apricot) KERNEL OIL
72869-69-3
272-046-1

	U.M.	Test methods	Range
Physical status at 25C°		Visual	Liquid
Acid value	mgKOH/g	AOCS Cd3a-63	≤ 0.5
Iodine value	gI ₂ /100	AOCS Tg2a-64	95.0 – 110.0
Saponification value	mgKOH/g	AOCS Cd3 -25	185.0 – 200.0
Peroxide value*	meq O ₂ /Kg	AOCS Cd8 -53	≤ 2.0
Colour	Yellow/Red	Lovibond cell 5 ¹ / ₄	≤ 40.0Y – 4.0R
Unsaponifiable matter	%	AOCS Ca6b-53	≤ 1.2
Density at 20C°	g/cc	ASTM D1298-85	0.910 – 0.920
Réfractive index		AOCS Tp1a-64	1.468 – 1.476
Cloud point	°C	AOCS Cc 6-25	≤ -10
Pour point	°C	ASTM D97-87	≤ -15

*Guaranteed at drumming

Fatty acids composition %(GLC):

Myristic acid	C14:0	Tr.
Palmitic acid	C16:0	3.0 – 8.0
Palmitoleic acid	C16:1	≤ 1.0
Margaric acid	C17:0	≤ 0.1
Margaroleic acid	C17:1	≤ 0.1
Stearic acid	C18:0	0.5 – 3.0
Oleic acid	C18:1	56.0 – 70.0
Linoleic acid	C18:2	22.0 – 33.0
Alpha-Linolenic acid	C18:3	≤ 0.5
Arachidic acid	C20:0	≤ 0.5
Eicosenoic acid	C20:1	≤ 0.3
Behenic acid	C22:0	≤ 0.3
Erucic acid	C22:1	Tr.

Shelf life: 24 months minimum in cool conditions in unopened container

Note: the reported shelf life is referred to the product stored at room temperature, possibly in the original packaging and away from direct sunlight and heat sources. G.Balestrini srl shall not be held liable for a shelf life reduction (e.g. for unexpected increase in peroxides content) if the above conditions are not respected.