



A. & A. Fratelli Parodi s.p.a.

www.fratelliparodi.it



Rev.1

07/2013

TECHNICAL DATA SHEET

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

PARYOL 207 AL/R
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''¼	≤ 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: 12 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. A&A Fratelli Parodi Spa 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.