



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

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TDS Rev. 3, 10/2020

(mod. MR 13 21)

TECHNICAL DATA SHEET

TRADE NAME	PARYOL 207 AL/R
DESCRIPTION	REFINED APRICOT KERNEL OIL
INCI NAME (UE)	PRUNUS ARMENIACA KERNEL OIL
INCI NAME (US)	PRUNUS ARMENIACA (Apricot) KERNEL OIL
CAS NUMBER	72869-69-3
EC NUMBER	272-046-1

	U.M.	Test methods	Range	Analytical results
Physical status at 25°C		Visual	Liquid	
Acid value	mgKOH/g	AOCS Cd 3d-63	≤ 0.5	
Iodine value	gI ₂ /100g	AOCS Cd 1-25	95.0 – 110.0	
Saponification value	mgKOH/g	AOCS Cd 3-25	185.0 – 200.0	
Peroxide value at drumming*	meqO ₂ /kg	AOCS Cd 8-53	≤ 2.0	
Peroxide value during shelf life	meqO ₂ /kg	AOCS Cd 8-53	≤ 10.0	
Colour	Yellow/Red	Lovibond cell 5 ^m / ₄	≤ 40.0Y – 4.0R	
Unsaponifiable matter	%	AOCS Ca 6b-53	≤ 1.2	
Density at 20°C	g/cc	ASTM D1298-85	0.910 – 0.920	
Cloud point	°C	AOCS Cc 6-25	≤ -10	
Pour point	°C	ASTM D97-87	≤ -15	
Refractive index		AOCS Tp 1a-64	1.468 – 1.476	

*guaranteed at direct arrival in customer's warehouse

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.

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