



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

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Rev.02

08/2014

## TECHNICAL DATA SHEET

**TRADE NAME**  
**INCI NAME (UE)**  
**INCI NAME (US)**

**PARYOL 480 MR**  
**PRUNUS AMYGDALUS DULCIS OIL**  
**PRUNUS AMYGDALUS DULCIS**  
**(SWEET ALMOND) OIL**  
**8007-69-0**  
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**CAS NUMBER**  
**EINECS NUMBER**

	U.M.	Test methods	Range
Physical status at 25C°		Visual	Liquid
Acid value	mgKOH/g	AOCS Cd3d-63	≤ 2.0
Iodine value	gI <sub>2</sub> /100	AOCS Tg2a-64	95.0 – 105.0
Saponification value	mgKOH/g	AOCS Cd3 -25	190.0 – 200.0
Peroxide value*	meq O <sub>2</sub> /Kg	AOCS Cd8 -53	≤ 5.0
Colour	Yellow/Red	Lovibond cell 5''¼	≤ 40.0Y/4.0R
Unsaponifiable matter	%	AOCS Ca6b-53	≤ 1.0
Density at 20C°	g/cc	ASTM D1298-85	abt. 0.916
Cloud point	°C	AOCS Cc 6-25	≤ -10
Pour point	°C	ASTM D97-87	≤ -15
Kernel oil,sesame oil mineral oil, and foreign oils		Internal method	absent

\*Guaranteed at drumming

### Fatty acids composition %(GLC):

Myristic acid & Lower	C14:0	≤ 0.1
Palmitic acid	C16:0	3.0 – 9.0
Palmitoleic acid	C16:1	≤ 2.0
Margaric acid	C17:0	≤ 0.1
Margaroleic acid	C17:1	≤ 0.1
Stearic acid	C18:0	0.5 – 3.0
Oleic acid	C18:1	60.0 – 75.0
Linoleic acid	C18:2	20.0 – 30.0
Alpha-Linolenic acid	C18:3	≤ 0.4
Arachidic acid	C20:0	≤ 0.2
Eicosenoic acid	C20:1	≤ 0.2
Behenic acid	C22:0	≤ 0.2
Erucic acid	C22:1	≤ 0.1

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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