



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

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Rev.02

01/2014

TECHNICAL DATA SHEET

TRADE NAME	PARYOL 181 SM/R
CHEMICAL NAME	REFINED SESAME OIL
INCI NAME (US)	SESAMUM INDICUM SEED OIL
INCI NAME (EU)	SESAMUM INDICUM SEED OIL
CAS NUMBER	8008-74-0
EINECS NUMBER	232-370-6

	U.M.	Test methods	Range
Physical status at 25C°		Visual	Liquid
Acid value	mgKOH/g	AOCS Cd3d-63	≤ 0.5
Iodine value	gI ₂ /100	AOCS Tg2a-64	103.0 – 116.0
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	≤ 40Y/4.0R
Unsaponifiable matter	%	AOCS Ca6b-53	≤ 1.0
Density at 20C°	g/cc	ASTM D1298-85	0.900 – 0.930
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	≤ 0.1
Palmitic acid	C16:0	6.0 – 15.0
Palmitoleic acid	C16:1	≤ 0.5
Margaric acid	C17:0	≤ 0.1
Margaroleic acid	C17:1	≤ 0.1
Stearic acid	C18:0	3.0 – 6.0
Oleic acid	C18:1	40.0 – 50.0
Linoleic acid	C18:2	30.0 – 55.0
Alpha-Linolenic acid	C18:3	≤ 0.5
Arachidic acid	C20:0	≤ 0.5
Eicosenoic acid	C20:1	≤ 0.5
Behenic acid	C22:0	≤ 0.5
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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