



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

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Rev.2

10/2018

TECHNICAL DATA SHEET

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

PARYOL 333 JB/R
REFINED JOJOBA OIL
SIMMONDSIA CHINENSIS SEED OIL
SIMMONDSIA CHINENSIS (Jojoba) SEED OIL
90045-98-0
289-964-3

	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	80.0 – 90.0
Saponification value	mgKOH/g	AOCS Cd3 -25	90.0 – 98.0
Peroxide value	meq O ₂ /Kg	AOCS Cd8 -53	≤ 3.0
Colour		Visual	Yellow
Unsaponifiable matter	%	AOCS Ca6b-53	49.0 – 55.0
Density at 20C°	g/cc	ASTM D1298-85	0.855 – 0.875
Refractive index		AOCS Tp1a-64	1.460 – 1.468
Cloud point	°C	AOCS Cc 6-25	≤ +15.0
Pour point	°C	ASTM D97-87	≤ +11.0

Fatty acids composition %(GLC):

Lauric acid	C12:0	≤ 0.2
Myristic acid	C14:0	≤ 0.3
Palmitic acid	C16:0	≤ 4.0
Palmitoleic acid	C16:1	≤ 1.0
Margaric acid	C17:0	≤ 0.1
Margaroleic acid	C17:1	≤ 0.1
Stearic acid	C18:0	≤ 1.0
Oleic acid	C18:1	5.0 – 25.0
Linoleic acid	C18:2	≤ 5.0
Alpha-Linolenic acid	C18:3	≤ 1.0
Arachidic acid	C20:0	≤ 0.5
Eicosenoic acid	C20:1	40.0 – 80.0
Behenic acid	C22:0	≤ 0.5
Erucic acid	C22:1	10.0 – 25.0
Lignoceric acid	C24:0	≤ 1.0
Nervonic acid	C24:1	≤ 3.0
Others		≤ 2.5

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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