

TECHNICAL DATA SHEET

TRADE NAME	PARYOL 312 K/R (Clear)
DESCRIPTION	REFINED SHEA OIL - Fractionated
INCI NAME (EU)	BUTYROSPERMUM PARKII OIL
CAS NUMBER	91080-23-8
EC NUMBER	293-515-7

	U.M.	Test methods	Range
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	75.0 – 90.0
Saponification value	mgKOH/g	AOCS Cd 3-25	175.0 – 195.0
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"¼	≤ 50.0Y/5.0R
Density at 20°C	g/cc	ASTM D1298-85	0.913 – 0.940
Cloud point	°C	AOCS Cc 6-25	≤ +10.0
Pour point	°C	ASTM D97-87	≤ +5.0

*guaranteed at direct arrival in customer's warehouse

Fatty acids composition %(GLC):

Lauric acid	C12:0	≤ 0.1
Myristic acid	C14:0	≤ 0.2
Palmitic acid	C16:0	3.0 – 6.5
Palmitoleic acid	C16:1	≤ 1.5
Stearic acid	C18:0	5.0 – 9.0
Oleic acid	C18:1	68.0 – 78.0
Linoleic acid	C18:2	9.0 – 18.0
Alpha-Linolenic acid	C18:3	≤ 0.5
Arachidic acid	C20:0	≤ 1.0
Eicosenoic acid	C20:1	≤ 0.5
Behenic acid	C22:0	≤ 0.5
Erucic acid	C22:1	≤ 0.5
Other		≤ 1.5

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.