

*A. & A. Fratelli Parodi s.p.a.*www.fratelliparodi.it 

Rev.06

01/2014

TECHNICAL DATA SHEET

TRADE NAME	PARYOL 218 BK/R
CHEMICAL NAME	REFINED SHEA BUTTER
INCI NAME (UE)	BUTYROSPERMUM PARKII BUTTER
INCI NAME (US)	BUTYROSPERMUM PARKII (SHEA) BUTTER
CAS NUMBER	194043-92-0
EINECS NUMBER	---

	U.M.	Test methods	Range
Physical status at 25C°		Visual	Solid
Acid value	mgKOH/g	AOCS Cd3d-63	≤ 0.5
Iodine value	gI ₂ /100	AOCS Tg2a-64	45.0 – 65.0
Saponification value	mgKOH/g	AOCS Cd3 -25	165.0 – 188.0
Peroxide value	meq O ₂ /Kg	AOCS Cd8 -53	≤ 2.0
Colour	Yellow/Red	Lovibond cell 5'' ¼	≤ 50.0Y/5.0R
Unsaponifiable matter	%	AOCS Ca6b-53	4.0 – 10.0
Pour point	°C	ASTM D97-87	38.0 – 48.0
Melting point	°C	AOCS Cc3-25	40.0 – 50.0

Fatty acids composition %(GLC):

Lauric acid	C12:0	≤ 2.0
Myristic acid	C14:0	≤ 1.0
Palmitic acid	C16:0	3.0 – 8.0
Palmitoleic acid	C16:1	≤ 0.5
Margaric acid	C17:0	≤ 0.1
Margaroleic acid	C17:1	≤ 0.1
Stearic acid	C18:0	35.0 – 45.0
Oleic acid	C18:1	40.0 – 50.0
Linoleic acid	C18:2	4.0 – 10.0
Alpha-Linolenic acid	C18:3	≤ 0.5
Arachidic acid	C20:0	≤ 2.0
Eicosenoic acid	C20:1	≤ 1.5
Behenic acid	C22:0	≤ 0.5

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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