

TECHNICAL DATA SHEET

TRADE NAME	PARYOL 455 BC/R
DESCRIPTION	REFINED COCOA BUTTER
INCI NAME (EU)	THEOBROMA CACAO SEED BUTTER
INCI NAME (US)	THEOBROMA CACAO (COCOA) SEED BUTTER
CAS NUMBER	84649-99-0 / 8002-31-1
EC NUMBER	283-480-6 / ---

	U.M.	Test methods	Range
Physical status at 25°C		Visual	Solid
Acid value	mgKOH/g	AOCS Cd 3d-63	≤ 2.0
Iodine value	gI ₂ /100g	AOCS Cd 1-25	30.0 – 45.0
Saponification value	mgKOH/g	AOCS Cd 3-25	185.0 – 200.0
Peroxide value*	meqO ₂ /kg	AOCS Cd 8-53	≤ 2.0
Colour	Gardner	AOCS 1a 64-82	≤ 6.0
Unsaponifiable matter	%	AOCS Ca 6b-53	≤ 1.0
Pour point	°C	ASTM D97-87	24.0 – 28.0
Melting point		AOCS Cc 3-25	28.0 – 36.0

*Guaranteed at drumming

Fatty acids composition %(GLC):

Lauric acid	C12:0	Tr.
Myristic acid	C14:0	≤ 0.5
Palmitic acid	C16:0	25.0 – 35.0
Palmitoleic acid	C16:1	≤ 0.5
Margaric acid	C17:0	≤ 0.1
Margaroleic acid	C17:1	≤ 0.1
Stearic acid	C18:0	28.0 – 38.0
Oleic acid	C18:1	29.0 – 41.0
Linoleic acid	C18:2	2.0 – 7.0
Alpha-Linolenic acid	C18:3	≤ 0.8
Arachidic acid	C20:0	≤ 1.5
Eicosenoic acid	C20:1	≤ 0.5
Behenic acid	C22:0	≤ 0.3
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.