RADAD INTERNATIONAL

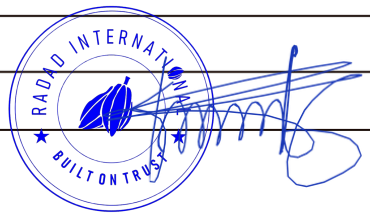
TECHNICAL DATA SHEET: NATURAL COCOA BUTTER

GENERAL INFORMATION	
Product description	Natural cocoa butter, obtained by hydraulic pressing of cocoa mass (without solvent extraction), then filtered. Not deodorized (no odour-control treatment)
Ingredients	100% cocoa butter. No additives
Origin	Africa
HS code	1804.00 (cocoa butter, fat and oil)
Manufacturer information	Radad International Company Limited, info@radadinternational.com

ORGANOLEPTIC DATA	
Taste and flavour	Typical of the cocoa beans used, with no off-flavours
Colour	Light yellow to creamy
Transparency at 40 °C	Transparent, with no cocoa particles
Consistency at 16 – 18 °C	Solid, brittle

CHEMICAL / PHYSICAL PARAMETERS	
PARAMETER	**SPECIFICATION**
Moisture content	Max. 0.01%
Acid-insoluble ash (in 10% HCl)	Max. 0.1%
Free fatty acids (FFA)	Max. 1.75%
Peroxide value	Max. 2 mmol active oxygen/kg
Full melting point	32 – 35 °C
Solidification (freezing) point	Min. 28 °C
Solidification time	40 – 60 minutes
Refractive index at 40 °C	1.4560 – 1.4578

SOLID TRIGLYCERIDE CONTENT	
TEMPERATURE	**SOLID TRIGLYCERIDES**
20 °C	75.0 – 85.0%
25 °C	73.0 – 80.0%
35 °C	1.0 – 3.5%
40 °C	0 – 0.5%



MICROBIOLOGICAL PARAMETERS	
PARAMETER	**SPECIFICATION**
Total plate count	Max. 1,000 cfu/g
Yeast	Max. 50 cfu/g
Mould	Max. 50 cfu/g
Escherichia coli	Absent in 1 g
Pathogenic bacteria, incl. Salmonella	Absent in 25 g

CONTAMINANTS	
PARAMETER	**SPECIFICATION**
Lead (Pb)	Max. 1.0 mg/kg
Arsenic (As)	Max. 1.0 mg/kg
Cadmium (Cd)	Max. 0.5 mg/kg
Mercury (Hg)	Max. 0.1 mg/kg
Aflatoxin B1	Max. 0.005 mg/kg (5 µg/kg)
Caesium-137	Max. 100 Bq/kg
Strontium-90	Max. 80 Bq/kg
Hexachlorocyclohexane (α, β, γ isomers)	Max. 0.5 mg/kg
DDT and its metabolites	Max. 0.15 mg/kg

PACKAGING	
Packaging	Corrugated cartons of 25 kg net with a PE liner or similar food-grade material

GMO AND ALLERGEN DECLARATION

No genetically modified organisms (GMOs) or transgenic breeding raw cocoa beans were used in the production of this product. None of the 14 major food allergens (EU Regulation 1169/2011, Annex II) is present by nature or added, and there is no potential cross-contact.

