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INTERNATIONAL

SPECIFICATION SHEET FOR DEODORIZED COCOA BUTTER

GENERAL INFORMATION	
Product name	Deodorized Cocoa Butter
Product description	Cocoa butter obtained from the beans of the cocoa tree (*Theobroma cacao*) and further deodorized, for use in the food and cosmetic industries
Ingredients	100% cocoa butter
Origin	Africa
Intended use	Food industry and cosmetics
HS code	1804.00 (cocoa butter, fat and oil)
Manufacturer information	Radad International Company Limited, info@radadinternational.com

SENSORY CHARACTERISTICS		
PARAMETER	**SPECIFICATION**	**REF. METHOD**
Taste	Bland	Internal method
Odour	Bland	Internal method
Appearance when solid	Light yellow to yellowish	Internal method
Appearance when melted	Clear	Internal method

CHEMICAL CHARACTERISTICS		
PARAMETER	**SPECIFICATION**	**REF. METHOD**
Free fatty acids (as oleic acid)	Max. 1.75%	ISO 660
Peroxide value at loading	Max. 3 meq O_2/kg	ISO 3960
Iodine value	33 – 40 g I_2/100 g	ISO 3961
Moisture content	Max. 0.1%	ISO 662
Saponification value	188 – 198 mg KOH/g	ISO 3657
Unsaponifiable matter	Max. 0.35%	ISO 18609

PHYSICAL CHARACTERISTICS		
PARAMETER	**SPECIFICATION**	**REF. METHOD**
Melting point (typical)	30 – 34 °C	
Refractive index at 40 °C	1.456 – 1.459	ISO 6320

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MICROBIOLOGICAL CHARACTERISTICS		
PARAMETER	**SPECIFICATION**	**REF. METHOD**
Aerobic plate count	< 1,000 cfu/g	ISO 4833-1
Yeasts	< 50 cfu/g	ISO 21527-2
Moulds	< 50 cfu/g	ISO 21527-2
Salmonella	Not detected in 25 g	ISO 6579-1
E. coli	Not detected in 1 g	ISO 16649-2

CONTAMINANTS	
Aflatoxin B1	Max. 2.0 µg/kg
Pesticide residues	Complies with Regulation (EC) No 396/2005
Contaminants, mycotoxins and heavy metals	Complies with Regulation (EU) 2023/915

PROCESSING AIDS	
Citric acid	May contain traces (up to 10 ppm), used in the final production stage to prevent deterioration. Under Regulation (EU) No 1169/2011 it does not need to be labelled as an additive in final products

NUTRITIONAL INFORMATION (TYPICAL VALUES)	
NUTRIENT	**PER 100 G**
Energy	3696 kJ / 899
Fat	kcal 99.9 g
of which saturates	63.8 g
of which monounsaturates	33.6 g
of which polyunsaturates	2.5 g
of which trans fat	< 0.1 g
Carbohydrate	0 g
of which sugars	0 g
Protein	0 g
Salt	0 g

PACKAGING, SHELF LIFE AND STORAGE	
Bag in box	20 kg or 25 kg net (20.5 / 25.5 kg gross). Shelf life 24 months (solid)
IBC container	950 kg net (1,008 kg gross). Shelf life 24 months (solid)
Bulk (liquid)	20 days at 55 °C
Palletizing	Euro pallet 800 × 1200 mm: 40 boxes of 25 kg (5 × 8), 1,000 kg net, total height 1,480 mm
Shelf life	24 months from production date, in the original packaging and under correct storage conditions
Storage conditions	Cool, dry, odour-free place below 25 °C and maximum 75% relative humidity, away from direct sunlight
Labelling	Batch number, production date and expiry date on each pack

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ALLERGEN DECLARATION (EU REGULATION 1169/2011, ANNEX II)		
Allergenic foods and derivatives	**Present by nature or added**	**Potential cross-contact**
Celery and products thereof	No	No
Cereals containing gluten and products thereof (barley, rye, oat, wheat such as spelt and khorasan wheat)	No	No
Crustaceans and products thereof	No	No
Eggs and products thereof	No	No
Fish and products thereof	No	No
Lupin and products thereof	No	No
Milk and products thereof (including lactose)	No	No
Molluscs and products thereof	No	No
Mustard and products thereof	No	No
Peanuts and products thereof	No	No
Sesame seeds and products thereof	No	No
Soybean and products thereof	No	No
Tree nuts and products thereof (almonds, Brazil nuts, cashews, hazelnuts, macadamia nuts, pecans, pistachio nuts, walnuts)	No	No
Sulphur dioxide and sulphites (naturally present or added)	No	No

OTHER INGREDIENTS		
Ingredient	**Present**	**Traces**
Pine	No	No
Cotton seed	No	No
Poppy seed	No	No
Sunflower seed	No	No
Hickory	No	No
Tree nut oil	No	No
Soya lecithin	No	No
Coconut, palm kernel, shea nut, kola nut	No	No
Meat and products thereof	No	No
Fruits and products thereof	No	No
Ethanol	No	No
Artificial colours	No	No
Added preservatives	No	No
Added antioxidants	No	No

GMO DECLARATION

This product is not made from ingredients derived from genetically modified organisms (GMOs) and can be labelled as non-GMO under EU Regulations 1829/2003 and 1830/2003.

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