RADAD
INTERNATIONAL

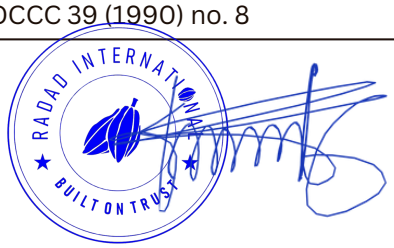
SPECIFICATION SHEET - ALKALIZED COCOA POWDER

GENERAL INFORMATION	
Product description	Alkalized (Dutch-process) cocoa powder
Process	Roasting, grinding, pressing, kibbling, pulverizing
Country of origin	Africa, Nigeria
HS code	1805.00 (cocoa powder, not containing added sugar)
Manufacturer information	Radad International Company Limited, info@radadinternational.com

SENSORY DESCRIPTION	
Appearan	Free flowing, without lumps and foreign matter
ce Colour	Different shades of reddish brown
Taste	No off flavour
Odour	No off odour

CHEMICAL / PHYSICAL ANALYSIS		
ANALYSIS	**SPECIFICATION**	**REF. METHOD**
Total fat	10 – 12%	IOCCC 37 (1990)
Moisture content	Max. 5.0%	IOCCC 1 (1990)
pH (in max. 10% solution)	6.7 – 7.2	IOCCC 15 (1972)
Ash content (on fat-free dry	Max. 12%	IOCCC 16 (1973)
matter) Fineness (wet sieve)	Min. 98.0% passing	IOCCC 11 (1970)
Shell content (on alkali-free nibs)	Max. 1.75%	AOAC 970.23

MICROBIOLOGICAL ANALYSIS		
PARAMETER	**SPECIFICATION**	**REF. METHOD**
Total plate count	Max. 10,000 cfu/g	IOCCC 39 (1990) no. 2
Moulds and yeast	Max. 100 cfu/g	IOCCC 39 (1990) no. 7
count Coliforms	Negative per g	IOCCC 39 (1990) no. 5
Escherichia coli	Negative per g	IOCCC 39 (1990) no. 4
Salmonella	Negative per 50 g	IOCCC 39 (1990) no. 8



PACKAGING, STORAGE AND SHELF LIFE	
Retail packaging	10-25 kg packs
Bulk packaging	25 kg sacks
Shelf life	24 months, stored in a cool, odourless
Relative humidity	area Max. 65%. Storage area should be
Storage temperature	ventilated 22 – 25 °C
Transport temperature	Max. 26 °C

ALLERGEN DECLARATION

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

GMO DECLARATION

No genetically modified organisms (GMOs) or transgenic breeding raw cocoa beans were used in the production of this product.

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