

 GNL	GHANA NUTS COMPANY LIMITED QUALITY MANAGEMENT MANUAL PRODUCT SPECIFICATION SHEET	Date Issued: 04/06/2016 Revision Date: 04/06/2017 Page 1 of 1
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PRODUCT SPECIFICATION SHEET

CRUDE/UNREFINED SHEA BUTTER

General Description: Crude shea butter is extracted from the kernels of *Vitellaria paradoxa* by the use of Mechanical and Chemical solvent extraction processes with the application of controlled temperature without altering the fatty acid structure. It is purified by filtering through 10 micron filter cloth.

Application: Use for Confectionery, Cosmetics and Pharmaceuticals

CHEMICAL AND PHYSICAL INFORMATION

Characteristics/ Parameters	Reference Analytical Methods	Units	Specifications/ Limits
Organoleptic Properties			Bland taste, Solid butter, characteristic smell
Physical Appearance			Creamy white/ Pale Yellow
Density @ 40°C	ISO 6883:2007	g/cm ³	0.910-0.918
Free Fatty Acid (as Oleic)	AOCS Official Method Ca 5a-40	%	10 max
Iodine Value	AOCS Official Method Cd 1-25	Wij's	50 – 61.0
Peroxide Value	AOCS Official Method Cd 8-53	mEq.O ₂ /kg	10.0 max
Moisture, Impurities and Volatile Matter (MIV)	AOCS Official Method Ca 2c-25	%	0.1 max
Melting Point	AOCS Official Method Cc 3-25	°C	35 – 40

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