



## DATASHEET

<b>Product</b>	<b>Refined Shea Butter Food Grade</b>
<b>Date</b>	<b>17-04-2023</b>
<b>Expiration Date</b>	<b>17-04-2025</b>

General	
Product Description	Shea butter Food Grade
Process	Bleached, fully deodorised
Country botanical grown	West Africa
Botanical name	Vitellaria paradoxa
Country of Origin	The Netherlands

Material Composition					
INCI Name	%	Functions	CAS#	EINECS/ELINCS#	Source
Butyrospermum Parkii	99.99	Ingredient	91080-23-8	293-515-7	vegetable
Citric acid	Max. 50ppm	Preservative	5949-29-1	201-069-1	fermentation

Sensory description	
Appearance	Solid (ambient), Liquid (>35°C)
Colour	(off) white (solid), clear (liquid)
Taste	Typical, no off flavours
Odour	Typical, no off flavours

Chemical and Physical Parameters				
Analysis	Comment	Specification	UOM	Based on method
Free fatty acid	as Oleic acid	0.20 max	%	NEN 660
Peroxide value		1.0 max	meq/kg	AOCS Cd8b:90(09)
Color lovibond red		1.5 max	5 ¼ inch	NEN 27608
Color lovibond yellow		15 max	5 ¼ inch	NEN 27608
Moisture content	Karl fisher	0.10 max	%	ISO m8534
Refractive index*	as ND40	1.460-1.471	n/a	ISO 6320
Iodine value*	Wijs method	58-72	n/a	NEN 3961
Fatty acid profile*				ISO 12966
C 16:0		3-7	%	ISO 12966
C 18:0		39-47	%	ISO 12966
C 18:1		42-51	%	ISO 12966
C 18:2		4-9	%	ISO 12966
Unsaponifiable matter*		5	%	n/a

General Information
All specifications are based on final quality at loading
Parameters mentioned with a * are typical values based on literature
This datasheet replaces all previous versions
The Zaanlandse Olieraffinaderij is ISO 9001 and FSSC22000 certified

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Zaanlandse Olieraffinaderij is a trade name of Cargill B.V.  
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