
	Ship to:	1002144	
			
<b>Certificate of Analysis</b>			
<b>Customer Information:</b>			
Product Number:	1JD01.03000	Customer P.O.#:	46
Product Name:	BIOCHEMICA® SHEA BUTTER REFINED-CARTON 25 KG	Customer Code:	
Lot Number:	32321/104802	Delivery Number:	80114520
		Order Number:	1094317
		Date Shipped:	02/10/2023 (MM/DD/YYYY)

Manufacturing Date:	11/17/2022 (MM/DD/YYYY)	Quantity:	80.00	CAR
Expiration Date:	11/16/2024 (MM/DD/YYYY)	Net Weight:	4409.25	LB
Country of Origin:	Netherlands	Net Weight:	2000.00	KG

**Product Specification / Results of Analysis**

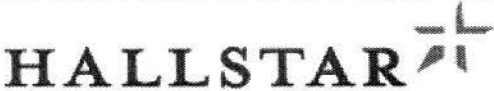

Characteristic	Inspection Method	Value	Lower / Upper Limit	Unit
Appearance Soft White Fat	N/A	Pass	- -	
Color Lovibond Red	AOCS 13B-45	1	0 2	
Color Lovibond Yellow	AOCS CC 13B-45	7	0 20	
Peroxide Value	AOCS CD 8B-90	0.0	0.0 10.0	mEq/kg
Iodine Value	AOCS CD 1-25	64.3	55.0 72.0	g I2/100 g
Acid Value	AOCS CD 3D-63	0.2	0.0 1.0	mg KOH/g
Free Fatty Acid	AOCS CA 5A-40	0.1	0.0 0.5	%

Certificate is system generated, no signature is required.

The Hallstar Company and affiliated companies including Hallstar Ester Solutions Corp., Hallstar Marine and Magnesium Co., Hallstar Biochemica Co., Hallstar Beauty and Personal Care North America Co., Hallstar Home Care Products Co., Hallstar Scientific Co.

120 South Riverside Plaza, Suite 1620, Chicago, IL 60606, USA Tel: (877)427-4255 or Int + 1 (312) 385-4494

[www.hallstar.com](http://www.hallstar.com)

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Product Number: 1JD01.03000	Customer P.O.#: 46
Product Name: BIOCHEMICA® SHEA BUTTER REFINED-CARTON 25 KG	Customer Code:
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The following specifications are tested periodically and are certified to comply to the following limits:

Unsaponifiables - 6% Minimum  
Saponification Value - 170 - 185  
Melting Point C - 31 - 38

Note: The water content of this product is below the required level to support the growth of microorganisms. Therefore, microbiological tests are not deemed applicable. Store in cool dry location and avoid exposure to air in order to prevent oxidation.

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