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Soglo Trade Inc. Gerard Soglo e.K. GmbH
Gilles Soglo
Nehringstr. 12
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16/02/2026

your order
22.01.2026

sample signature
s.u.

UBF sample number
202601220800

Dear Mr. Soglo,

concerning your order we analysed the following sample

1. Shea butter

the water content according to Karl Fischer, the melting point, vitamin E, acid value, peroxide value, anisidine value, totox value, the fatty acid spectrum, sterols and unsaponifiables.

In order You need further advice don't hesitate to contact us.

With best regards

PD Dr. Jörg-Thomas Mörsel
-managing director-

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14059 Berlin

report of analysis: 202601220800

samples	Shea butter			
samples were taken	Customer			
arrival of samples	22.01.2026			
start of analyses	23.01.2026			
end of analyses	10.02.2026			
methods	Peroxide value: DGF C-VI 6a(05)2005-10(a) Acid value: DGF C V 2(20):2020(a) Anisidine value: DGF C-VI 6e(12)2012 Totox: calculated from peroxide value and anisidine value Water content according to Karl Fischer: DGF C-III 13a(97) (a) Melting point: DGF C-IV 3a (52) Vitamin E: DGF F-II4a (00)(a) Unsaponifiables: DGF C III 1 (14):2014(a)			
results				
UBF sample number	sample signature	parameter	unit	content
202601220801	Shea butter	Peroxide value	meq O ₂ /kg	1,0
		Acid value	mg KOH/g	4,5
		Anisidine value	--	0,3
		Totox	--	2,3
		Water content	%	0,2
		Melting point	°C	37,8
		Vitamin E, active	mg/100g	7,4
		Unsaponifiables	%	8,2
archives				
data collection	2026012208engl.ods			
report	2026012208engl.odt			

Altlandsberg, 16/02/2026

Sascha Kühn
-head of laboratory-

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report of analysis: 202601220800

samples	Shea butter
samples were taken	Customer
arrival of samples	22.01.2026
start of analyses	23.01.2026
end of analyses	10.02.2026
methods	Fatty acids: DGF C-VI 10a(00)2016(a)

results

UBF sample number	sample signature	parameter	content
202601220801	Shea butter	fatty acid	content %*
		16:0	3,3
		18:0	42,1
		cis 18:1 n9	44,5
		cis 18:2 n6	6,3
		cis 18:3 n6	0,8
		cis 20:0	1,5
		cis 18:3 n3	0,3
		cis 20:2 n6	0,6
		cis 22:0	0,6
		sum saturated	47,5
		Sum monounsaturated	44,5
		Sum polyunsaturated	8

archives

data collection	2026012208engl.ods
report	2026012208engl.odt

Altlandsberg, 16/02/2026

Sascha Kühn
-head of laboratory-

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report of analysis: 202601220800

samples	Shea butter			
samples were taken	Customer			
arrival of samples	22.01.2026			
start of analyses	23.01.2026			
end of analyses	10.02.2026			
methods	Sterols: DGF F-III 1(98):2007 detection limit: 0,04 mg/kg			
results				
UBF sample number	sample signature	parameter	unit	content
202601220801	Shea butter	Stigmasterol	mg/100g	3,0
		Beta Sitosterol	mg/100g	5,1
		other sterole	mg/100g	< dl
archives				
data collection	2026012208engl.ods			
report	2026012208engl.odt			

Altlandsberg, 16/02/2026

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-head of laboratory-

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