

Certificate of Analysis

Product name: **Theobroma oleum**

Batch number / Weight: **23D18-B01-236865 / 250 G**

Analysed according to: **Ph.Eur.11.3**

Number of analysis / Inspection Code **23D18-B01 / INS-23-4115**

Reference Code / No.: **V00615 / 8008905002**

Tests	Requirement	Result	Unit	Standard remark
Appearance	Yellowish-white, solid mass	Conform		
Identification A	Melting point 31 - 35	31,3	°C	
Identification B	Conform	Conform		
Acid value	$\leq 4,0$	2,9		
Peroxide value	$\leq 3,0$	0,5		
Saponification value	188 -198	191,4		
Alcaline impurities	Conform	Conform		
Composition of fatty acids	Conform	Conform		
Lauric acid	$\leq 0,5$	$< 0,05$	%	
Myristic acid	$\leq 0,5$	0,09	%	
Palmitic acid	24,0 - 31,0	25,50	%	
Stearic acid	30,0 - 38,0	36,78	%	
Oleic acid	31,0 - 38,0	32,11	%	
Linoleic acid	$\leq 4,5$	2,73	%	
Arachidic acid	$\leq 1,5$	1,14	%	
Metallic residues	CHMP/ICH/353369/2013	Conform		
Residual solvents	CPMP/ICH/82 260/06	Conform		
TSE/BSE-statement:	No contamination with TSE/BSE-risk materials	Conform		

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All the manufacturing stages of this batch have been carried out in full compliance with the GMP requirements of the EU and with the national legal requirements.

Analysis performed by the authorized lab FAGRON PL lab

Release:

Ewelina Gadzinowska

Qualified Person

16-02-2024

Expiration: 24-08-2025

Conclusion: APPROVED

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