

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS CUPUACU BUTTER

DESCRIPTION

Product:	Cupuacu Butter		
INCI Name:	<i>Theobroma Grandiflorum</i>		
Source of Raw Material:	Amazonian Rainforest / Brazil		
Part Used of the plant:	Seed		
Production Process:	Cold Extraction		
Preservatives:	Absent		
Solvent Extraction:	Absent	Traceability:	guaranteed
Origin of the Vegetable Drugs:	Wild crafted		

CHARACTERISTICS

ITEM	UNIT	SPECIFICATION RANGE	TEST METHOD	ANALYTICAL RESULTS
PHY SICAL CHEMISTRY				
Appearance (25° C)	----	solid	Visual	In accordance
Color	----	White to beige	AOCS 1a 64 - 82	In accordance
Acid value	mg KOH/g	< 20	AOCS CD3D-63	3,7
Peroxide value	10 meq O ₂ /kg	< 10	AOCS CD8 – 53	0.8
Iodine value	gI ₂ /100g	40 – 50	AOCS TG2A – 64	45
Saponification value	mgKOH/g	180 – 190	AOCS CD3 - 25	183
Refractive index (40°C)		1,4563	AOCS Cc7-25(09)	In accordance
Unsaponifiable matter	%	2 – 3	AOCS CA 6A - 40	In accordance

Tocopherols	mg/kg	128		In accordance
Total sterols	mg/kg	245		In accordance
Melting point	°C	25 - 35	AOCS CJ 1 -94	In accordance
Absorption of water	%	200 min		In accordance
MICROBIOLOGY				
Total bacteria	ufc/mL	<100	NF ISO 4833	Absent
Fungi and Yeasts	ufc/mL	<100	NF V 08-036	Absent
RESULTS: (X) APPROVED () DISAPPROVED				

SAFETY HEALTH: product harmless, for cosmetic use only, not suited for human consumption

STORAGE: should be stored tightly sealed, protected from light and heat.

FATTY ACID COMPOSITION		
Palmitic Acid	% weight	5-12
Stearic Acid	% weight	35-45
Oleic Acid	% weight	35 – 45
Linolenic Acid	% weight	1-5
Araquidic Acid	% weight	6-12
Behenic Acid	% weight	1-2
Others	% weight	0.5-5
Saturated	%	55
Unsaturated	%	45