

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS MURUMURU BUTTER

DESCRIPTION

Description:	Murumuru Butter	
Scientific Name:	<i>Astrocaryum murumuru</i>	
Source of Raw Material:	Amazonian Rainforest / Brazil	
Part Used of the plant:	Kernel	
Production Process:	Cold Extraction	Traceability: guaranteed™
Preservatives:	Absent	
Solvent Extraction:	Absent	
Origin of the Vegetable Drugs:	Wild crafted	

CHARACTERISTICS

ITEM	UNITY	SPECIFICATION RANGE	TEST METHOD	ANALYTICAL RESULTS
PHYSICAL CHEMISTRY				
Appearance (25° C)	-	Solid	Visual	In accordance
Color	-	White to beige	AOCS 1a 64 - 82	In accordance
Acid value	% weight	< 15	AOCS CD3D-63	13
Peroxide value	10 meq O2/kg	< 10	AOCS CD8 – 53	5.38
Iodine value	gI2/100g	10- 15	AOCS TG2A – 64	13
Saponification value	mgKOH/g	230 – 240	AOCS CD3 - 25	238
Melting point	°C	30 – 35	AOCS CC1 - 25	In accordance
MICROBIOLOGY				
Total bacteria	ufc/mL	<100	NF ISO 4833	Absent
Fungi and Yeasts	ufc/mL	<100	NF V 08-036	Absent
RESULTS:	(√) APPROVED () DISAPPROVED			

FATTY ACID COMPOSITION		
Caprilic Acid	% weight	2 a 4
Capric Acid	% weight	1 a 3
Lauric Acid	% weight	40 a 50
Miristic Acid	% weight	28 a 33
Palmitic Acid	% weight	5 a 10
Palmitoleic Acid	% weight	2 a 4
Stearic Acid	% weight	2 a 5
Oleic Acid	% weight	5 a 10
Linoleic Acid	% weight	1 a 5
Saturated	% weight	90
Unsaturated	% weight	10

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Murumuru Butter - COA