



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: SHEANUT NILOTICA BUTTER, UNREFINED**

LOT NUMBER: LOT0012050

PRODUCT INCI: BUTYROSPERMUM PARKII BUTTER

PRODUCT CODE: K0425

CAS NUMBER: 194043-92-0 / 91080-23-8

EINECS NUMBER: 293-515-7

MANUFACTURING METHOD: EXPELLER PRESSED

MANUFACTURING DATE: 04/07/2021

BEST BEFORE DATE: 14/07/2023

ANALYTICAL DETAILS		RANGE %	RESULTS
APPEARANCE	SOFT BUTTER		-
COLOUR	YELLOW		-
ODOUR	CHARACTERISTIC		-
ACID VALUE	<12.0		4.39
IODINE VALUE	40.0 – 80.0		63.0
PEROXIDE VALUE	<10.0		1.3
FREE FATTY ACID	<6.0		2.2
REFRACTIVE INDEX @ 20 °C	1.457 – 1.467		1.4622
SAPONIFICATION VALUE	178.0 – 198.0		185.4

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 10.0	4.0
C18:0	STEARIC	15.0 – 50.0	27.6
C18:1	OLEIC	50.0 – 75.0	59.8
C18:2	LINOLEIC	2.0 – 10.0	6.0
C20:0	ARACHIDIC	<2.0	1.0