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CERTIFICATE OF ANALYSIS

PRODUCT NAME: SACHA INCHI OIL, COLD PRESSED ORGANIC

LOT NUMBER: LOT0004445

PRODUCT INCI: PLUKENETIA VOLUBILIS SEED OIL

PRODUCT CODE: K0403

CAS NUMBER: NOT LISTED

EINECS NUMBER: NOT LISTED

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 04/10/2019

BEST BEFORE DATE: 04/04/2021

ANALYTICAL DETAILS		RANGE %	RESULTS
APPEARANCE		OILY LIQUID	-
COLOUR		YELLOW	-
ODOUR		CHARACTERISTIC	-
ACID VALUE		<4.0	0.60
SPECIFIC GRAVITY @ 20C		0.923 – 0.929	-
REFRACTIVE INDEX @ 20C		1.478 – 1.483	-
PEROXIDE VALUE		<30.0	3.08
IODINE VALUE		180.0 – 198.0	-
SAPONIFICATION VALUE		187.0 – 200.0	-

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	2.5 – 6.0	3.89
C18:0	STEARIC	1.0 – 5.0	3.02
C18:1	OLEIC	5.0 – 15.0	9.82
C18:2	LINOLEIC	30.0 – 40.0	35.37
C18:3	GAMMA LINOLENIC	40.0 – 50.0	46.98