

CERTIFICATE OF ANALYSIS

PRODUCT NAME: TAMANU SEED OIL, COLD PRESSED

LOT NUMBER: R0908 (LOT0008889)

PRODUCT INCI: CALOPHYLLUM INOPHYLLUM SEED OIL

PRODUCT CODE: K0452

CAS NUMBER: 68956-68-3

EINECS NUMBER: 273-313-5

MANUFACTURING METHOD: SUNDRIED SEEDS & COLD PRESSED

MANUFACTURING DATE: 03/07/2022

BEST BEFORE END DATE: 03/10/2024

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID IN ROOM TEMP / SOLID IN COLD TEMPS	-
ODOUR	CHARACTERISTIC	-
COLOUR	GREEN – DARK GREEN	-
SPECIFIC GRAVITY @ 20°C	0.905 – 0.940	0.935
REFRACTIVE INDEX @ 20°C (NR)	1.455 – 1.490	1.482
IODINE VALUE	79.0 – 98.0	98.0
PEROXIDE VALUE	<25.0	10.0
SAPONIFICATION	190 - 205	195.0
ACID VALUE	<76.0	55.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	10.0 -20.0	13.6
C18:0	STEARIC	10.0 – 20.0	13.1
C18:1	OLEIC	20.0 – 45.0	35.0
C18:2	LINOLEIC	25.0 – 40.0	30.0

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