

CERTIFICATE OF ANALYSIS

PRODUCT NAME: ABYSSINIAN SEED OIL, REFINED (CRAMBE)

Batch: \$0275 (LOT0020569)

PRODUCT INCI: CRAMBE ABYSSINICA SEED OIL

PRODUCT CODE: K0001

CAS NUMBER: NOT LISTED

EINECS NUMBER: NOT LISTED

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

MANUFACTURING DATE: 13/11/2023

BEST BEFORE DATE: 13/11/2025

ANALYTICAL DETAILS	RANGE	RESULTS
Appearance	CLEAR, OILY LIQUID. AT TEMPERATURES BELOW 10°C, THE MATERIAL CAN GO CLOUDY OR SOLIDIFY. CLARITY IS RESOLVED WITH GENTLE WARMING.	-
Odour	CHARACTERISTIC	-
COLOUR	PALE YELLOW — GOLDEN YELLOW	-
SPECIFIC GRAVITY @ 20°C	0.905 – 0.925	0.921
REFRACTIVE INDEX @ 20°C	1.466 – 1.480	1.469
PEROXIDE VALUE	<10.0	0.30
IODINE VALUE	80.0 – 120.0	99.8
ACID VALUE	≤ 1.0	0.12

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	1.0 – 7.0	3.3
C18:0	STERARIC	≤ 4.0	0.9
C18:1	OLEIC	8.0 – 28.0	17.5
C18:2	LINOLEIC	3.0 – 24.0	13.0
C18:3	LINOLENIC	2.0 – 10.0	7.9
C20:0	ARACHIDIC	≤ 8.0	0.6
C22:1	ERUCIC	36.0 – 60.0	47.0