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CERTIFICATE OF ANALYSIS

PRODUCT NAME & SKU: Rose Hip Oil, Refined– OIL005

CERTIFICATE OF ANALYSIS

PRODUCT NAME: **ROSEHIP SEED OIL, REFINED**

LOT NUMBER: LOT0021545

PRODUCT INCI: ROSA CANINA SEED OIL

PRODUCT CODE: K0392

CAS NUMBER: 84696-47-9

EINECS NUMBER: 283-652-0

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

MANUFACTURING DATE: 16/02/2024

BEST BEFORE DATE: 16/02/2026

ANALYTICAL DETAILS		RANGE %	RESULTS
APPEARANCE		OILY LIQUID	-
-COLOUR		LIGHT YELLOW - YELLOW	-
ODOUR		ODOURLESS	-
SPECIFIC GRAVITY @ 20°C		0.920 – 0.940	0.920
REFRACTIVE INDEX @ 20°C		1.467 – 1.487	1.475
PEROXIDE VALUE		≤10.0	4.01
FREE FATTY ACID (% AS OLEIC)		≤1.0	0.68
ACID VALUE (MGKOH/G)		≤2.0	1.36
SAPONIFICATION VALUE (MGKOH/G)		185.0 – 209.0	196.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	2.0 – 10.0	6.24
C18:0	STEARIC	1.0 - 7.0	3.17
C18:1	OLEIC	10.0 – 26.0	25.77
C18:2	LINOLEIC	35.0 – 65.0	54.54
C18:3	ALPHA LINOLENIC	≤ 35.0	2.51
C20:0	ARACHIDIC	≤ 2.0	0.29