



CERTIFICATE OF ANALYSIS

PRODUCT NAME: HEMP SEED OIL, REFINED

LOT NUMBER: LOT0020393

PRODUCT INCI: CANNABIS SATIVA SEED OIL

PRODUCT CODE: K0223

CAS NUMBER: 89958-21-4

EINECS NUMBER: 289-644-3

MANUFACTURING METHOD: COLD PRESSED & REFINED

MANUFACTURING DATE: 06/03/2025

BEST BEFORE DATE: 06/03/2027

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	CLEAR - LIGHT YELLOW OILY LIQUID	COMPLIES
ODOUR	ODOURLESS	COMPLIES
SPECIFIC GRAVITY @ 20°C (G/ML)	0.920 – 0.930	0.921
REFRACTIVE INDEX @ 20°C	1.470 – 1.485	1.480
SAPONIFICATION VALUE (MG KOH/G)	185 – 195	190.2
PEROXIDE VALUE (MEQ/KG)	<10.0	1.58
ACID VALUE (MG KOH/G)	<1.0	0.52
MOISTURE (%)	<0.1	0.01
YEAST & MOULDS (CFU/G)	<100	COMPLIES
TOTAL VIABLE COUNT OR TOTAL PLATE COUNT (CFU/G)	<1000	COMPLIES
THC CONTENT (PPM)	<7.0 PPM	1.4

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 12.0	7.02
C18:0	STEARIC	1.0 – 4.5	2.78
C18:1	OLEIC	6.0 – 20.0	11.36
C18:2	LINOLEIC	45.0 – 65.0	56.97
C18:3	ALPHA LINOLENIC	14.0 – 30.0	19.65

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