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CERTIFICATE OF ANALYSIS

PRODUCT NAME & SKU: Rice Bran Oil OIL001

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PRODUCT NAME: RICE BRAN OIL, REFINED

LOT NUMBER: LOT0021734

PRODUCT INCI: ORYZA SATIVA BRAN OIL

PRODUCT CODE: K0380

CAS NUMBER: 68553-81-1, 84696-37-7

EINECS NUMBER: 271-397-8

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

MANUFACTURING DATE: 29/02/2024

BEST BEFORE DATE: 28/02/2026

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR - LIGHT YELLOW	-
COLOUR (LOVIBOND)	<30.0Y, <2.5R	14.0Y, 0.9R
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.915 – 0.923	0.917
REFRACTIVE INDEX @ 20°C	1.468 – 1.473	1.470
SAPONIFICATION VALUE	180.0 – 195.0	191.0
FREE FATTY ACID (% AS OLEIC)	<0.5	0.1
PEROXIDE VALUE	<10.0	0.7
IODINE VALUE	100.0 – 110.0	110.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	12.0 – 18.0	13.4
C18:0	STEARIC	1.0 - 4.0	3.3
C18:1	OLEIC	40.0 – 50.0	42.2
C18:2	LINOLEIC	30.0 – 40.0	38.5
C18:3	LINOLENIC	<2.0	0.7
C20:0	ARACHIDIC	<1.0	0.3