

CERTIFICATE OF ANALYSIS

PRODUCT NAME: RICE BRAN OIL, REFINED

Batch: S0253 (lot0021415)

PRODUCT INCI: ORYZA SATIVA BRAN OIL

PRODUCT CODE: K0380

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

EINECS NUMBER: 271-397-8

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

MANUFACTURING DATE: 06/02/2024

BEST BEFORE DATE: 06/02/2026

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR - LIGHT YELLOW	-
COLOUR (LOVIBOND)	<30.0Y, <2.5R	15.0Y, 1.0R
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.915 – 0.923	0.918
REFRACTIVE INDEX @ 20°C	1.468 – 1.473	1.471
SAPONIFICATION VALUE	180.0 – 195.0	189.0
FREE FATTY ACID (% AS OLEIC)	<0.5	0.1
PEROXIDE VALUE	<10.0	0.5
IODINE VALUE	100.0 – 110.0	110.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	12.0 – 18.0	12.7
C18:0	STEARIC	1.0 - 4.0	3.4
C18:1	OLEIC	40.0 – 50.0	43.8
C18:2	LINOLEIC	30.0 – 40.0	37.3
C18:3	LINOLENIC	<2.0	0.8
C20:0	ARACHIDIC	<1.0	0.3