

CERTIFICATE OF ANALYSIS

PRODUCT NAME: TSK-OIL001 RICE BRAN OIL, REFINED

LOT NUMBER: LOT0024147

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: 24/09/2024

BEST BEFORE DATE: 24/01/2027

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR - LIGHT YELLOW	-
COLOUR (LOVIBOND)	<30.0Y, <2.5R	14Y,1.1R
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.915 – 0.923	0.918
REFRACTIVE INDEX @ 20°C	1.468 – 1.473	1.470
SAPONIFICATION VALUE	180.0 – 195.0	188.0
FREE FATTY ACID (% AS OLEIC)	<0.5	0.1
PEROXIDE VALUE	<10.0	0.6
IODINE VALUE	100.0 – 110.0	108.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	12.0 – 18.0	14.0
C18:0	STEARIC	1.0 - 4.0	3.1
C18:1	OLEIC	40.0 – 50.0	43.8
C18:2	LINOLEIC	30.0 – 40.0	36.4
C18:3	LINOLENIC	<2.0	0.9
C20:0	ARACHIDIC	<1.0	0.3

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