



CERTIFICATE OF ANALYSIS

PRODUCT NAME: SOYABEAN OIL, REFINED

LOT NUMBER: LOT0003350

PRODUCT INCI: GLYCINE SOJA

PRODUCT CODE: K0429

CAS NUMBER: 8001-22-7

EINECS NUMBER: 232-274-4

MANUFACTURING METHOD: EXPPELLER PRESSED, REFINED

MANUFACTURING DATE: 10/06/2019

BEST BEFORE END DATE: 10/06/2021

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	PALE YELLOW - CLEAR OILY LIQUID	-
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.910 – 0.930	0.920
REFRACTIVE INDEX @ 20°C (NR)	1.460 – 1.475	1.467
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.03
PEROXIDE VALUE (MEQ O ₂ / KG)	<2.0	0.1
IODINE VALUE (CALC)	124.0 – 139.0	131.5

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C14:0	MYRISTIC	<2.0	1.0
C16:0	PALMITIC	8.0 – 13.5	10.5
C16:1	PALMITOLEIC	< 0.5	0.25
C18:0	STEARIC	2.0 - 5.4	4.0
C18:1	OLEIC	17.0 – 30.0	23.5
C18:2	LINOLEIC	48.0 – 59.0	53.5
C18:3	LINOLENIC	4.5 – 11.0	5.75
C20:0	ARACHIDIC	< 0.6	0.3
C20:1	GADOLEIC	< 0.5	0.25
C22:0	BEHENIC	< 0.7	0.35
C22:1	ERUCIC	<0.5	0.25
C24:0	LIGNOCERIC	< 0.5	0.25

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