



CERTIFICATE OF ANALYSIS

PRODUCT NAME: CAMELLIA OIL (KISSI), REFINED

LOT NUMBER: LOT0001359

PRODUCT INCI: CAMELLIA KISSI SEED

PRODUCT CODE: K0095

CAS NUMBER: 94333-92-3

EINECS NUMBER: 305-071-4

MANUFACTURING METHOD: COLD PRESSED, REFINED

MANUFACTURING DATE: 21/09/18

BEST BEFORE DATE: 21/09/20

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR	LIGHT YELLOW - YELLOW	-
SPECIFIC GRAVITY @ 20°C	0.900 – 0.925	0.913
REFRACTIVE INDEX @ 20°C	1.460 – 1.479	1.471
FREE FATTY ACID (% AS OLEIC)	< 0.5	-
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	2.0
IODINE VALUE (CALC)	70.0 – 95.0	80.0
ACID VALUE	<1.0	0.08
SAPONIFICATION VALUE (MG KOH/GR)	180.0 – 199.0	191.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	<7.0	4.2
C18:0	STEARIC	<11.0	2.5
C18:1	OLEIC	72 – 89.0	82.0
C18:2	LINOLEIC	<15.0	8.69
C20:0	ARACHIDIC	<2.0	0.2
C22:0	BEHENIC	<3.0	0.8

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