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Certificate of Analysis Sheet

Organic Walnut Oil

(*Juglans regia*)

BATCH NUMBER: 151020-2
ORIGIN: TURKEY
CAS NUMBER: 07-09-8024
EINECS NUMBER: NOT LISTED
MANUFACTURING METHOD: COLD PRESSED.

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC, NUTTY	-
COLOUR	PALE YELLOW – YELLOW	-
REFRACTIVE INDEX @ 20°C	1.460 – 1.478	1.469
SPECIFIC GRAVITY @ 20°C	0.910 – 0.930	0.920
FREE FATTY ACIDS (% AS OLEIC)	<2.0	1.0
ACID VALUE	<4.0	3.3
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	3.4
IODINE VALUE	147.0 – 156.0	151.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	5.0 – 8.0	6.5
C16:1	PALMITOLEIC	<0.5	-
C18:0	STEARIC	1.0 - 5.0	2.9
C18:1	OLEIC	14.0 – 26.0	18.4
C18:2	LINOLEIC	45.0 – 65.0	53.5
C18:3	LINOLENIC	9.0 - 15.0	-
C20:0	ICOSANOIC	<1.0	-
C20:1	ICOSENOIC	<0.5	-
C20:2	ICOSANEDIENOIC	<1.0	-
C22:1	DOCOSENOIC	<0.5	-