



NHR ORGANIC OILS
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Product Specification Organic Walnut Oil (*Juglans regia*)

PRODUCT INCI: JUGLANS REGIA SEED
CAS NUMBER: 07-09-8024
EINECS NUMBER: NOT LISTED
MANUFACTURING METHOD: COLD PRESSED.

ANALYTICAL DETAILS	RANGE %
APPEARANCE	OILY LIQUID
ODOUR	CHARACTERISTIC, NUTTY
COLOUR	PALE YELLOW – YELLOW
REFRACTIVE INDEX @ 20°C	1.460 – 1.478
SPECIFIC GRAVITY @ 20°C	0.911 – 0.926
FREE FATTY ACIDS (% AS OLEIC)	<2.0
ACID VALUE	<4.0
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0
IODINE VALUE	147.0 – 156.0

FATTY ACID PROFILE		RANGE %
C-CHAIN	ACID NAME	
C16:0	PALMITIC	5.0 – 8.0
C16:1	PALMITOLEIC	<0.5
C18:0	STEARIC	1.0 - 5.0
C18:1	OLEIC	14.0 – 26.0
C18:2	LINOLEIC	45.0 – 65.0
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

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