



NHR ORGANIC OILS
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Certificate of Analysis Sheet
Organic Chia Seed Oil
(Salvia hispanica)

PRODUCT NAME: CHIA SEED OIL, COLD PRESSED ORGANIC
BATCH NUMBER: 300124-2
PRODUCT INCI: SALVIA HISPANICA SEED OIL
ORIGIN: SOUTH AMERICA
CAS NUMBER: 93384-40-8
EINECS NUMBER: 297-250-8

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	YELLOW – GOLDEN – LIGHT BROWN	-
REFRACTIVE INDEX @ 20°C	1.411 – 1.490	1.4620
SPECIFIC GRAVITY @ 20°C	0.920 – 0.935	0.930
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	3.97
IODINE VALUE	180.0 – 208.0	201.10
FREE FATTY ACID	<5.0	1.78

FATTY ACID PROFILE		RANGE %	RESULT
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 10.0	6.60
C16:1	PALMITOLEIC	<1.0	<0.10
C18:0	STEARIC	1.0 - 5.0	3.45
C18:1	OLEIC	5.0 – 9.0	7.76
C18:2	LINOLEIC	16.0 – 25.0	16.70
C18:3	LINOLENIC	41.0 - 65.0	61.50

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.