



NHR ORGANIC OILS  
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## Certificate of Analysis Sheet

### Organic Sesame Seed Oil

(*Sesamum indicum*)

<b>Trade Name:</b>	Sesame Oil Organic	<b>Inci Name:</b>	<i>Sesamum Indicum</i> (Sesame) Seed Oil
<b>Batch number</b>	171123-2	<b>Country of Origin:</b>	Mali (Seed)
<b>Cas No:</b>	8008-74-0	<b>Einecs No:</b>	232-370-6

#### Description:

The oil obtained by cold pressing the seeds of the Sesame, *Sesamum indicum* L., Pedaliaceae.

ANALYTICAL DETAILS	UNIT	RANGE	RESULT
Appearance @ 20°C	Organoleptic	Liquid	Conforms
Colour	Organoleptic	Yellow	Conforms
Odour	Organoleptic	Characteristic, typical sesame	Conforms
Flavour	Organoleptic	Characteristic, typical sesame	Conforms
Refractive Index @ 20°C	-	1.440 - 1.476	1.4732
Specific Gravity @ 20°C	g/ml	0.910 – 0.930	0.921
Acid Value	mg KOH/g	≤ 4.0	0.76
Peroxide Value	meq O <sub>2</sub> /kg	≤ 10.0	3.5
Iodine Value	Calculation	100 - 120	113
Saponification Value	mg KOH/g	185 - 195	192

TYPE	ACID NAME	UNIT	RANGE	RESULT
C16:0	Palmitic	%	7 – 12	9.5
C16:1	Palmitoleic	%	Not specified	0.2
C18:0	Stearic	%	3.5 – 7	5.6
C18:1	Oleic	%	33 – 50	37.2
C18:2	Linoleic	%	35 – 50	46.0
C18:3	α-Linolenic	%	≤ 1.5	0.4
C20:0	Arachidic	%	≤ 1.0	0.6
C20:1	Eicosenoic	%	Not specified	0.2
C22:0	Behenic	%	Not specified	0.1

#### Storage:

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.