



Essential Oils Direct Ltd

Product Specification

Product Name	Hazelnut Oil				
Date	27/05/2016	Product Code	-	Rev	02
Description	Corylus Avellana Seed Oil is the oil expressed from the nuts of the Hazelnut, <i>Corylus avellana L., Betulaceae</i> .				
Appearance	Clear liquid, yellow.				
Odour	Characteristic.				
INCI Name	Corylus Avellana Seed Oil				
CAS Number	84012-21-5 / 185630-72-2	EC Number	281-667-7 / -		

TEST SPECIFICATION

ANALYTICAL TEST	SPECIFICATION RANGE
Relative Density @ 20°C (g/ml)	0.912 – 0.925
Refractive Index @ 20°C	1.465 – 1.475
Acid value (mgKOH/g)	≤ 0.6
Iodine value (mg/g)	83.0 – 97.0
Saponification value (mgKOH/g)	187.0 -197.0
Free Fatty Acid (% as Oleic)	≤ 0.3
Peroxide value (Meq/kg)	≤ 10.0 (<i>at time of production analysis</i>)
Fatty Acid Profile (%)	
C 16:0 Palmitic Acid	5.0 -9.0
C 16:1 Palmitoleic Acid	≤ 1.0
C 18:0 Stearic Acid	1.0 – 6.0
C 18:1 Oleic Acid	66.0 -85.0
C 18:2 Linoleic Acid	7.0 -25.0
C 18:3 Alpha Linolenic Acid	≤ 0.6
C 20:0 Arachidic Acid	≤ 0.5
C 20:1 Eicosenoic Acid	≤ 0.3

STORAGE

Store product in full, tightly closed containers in a cool dry place away from heat and sunlight.

STABILITY

When stored for more than 24 months, quality should be checked before use.