

## Certificate of Analysis

Product: Hazelnut Oil  
Botanical Name: *Corylus Americana*  
Plant part used: Nut kernel  
Extraction method: Cold Pressed

<b>Physical data</b>	<b><u>Specification</u></b>	<b><u>Result</u></b>
Appearance:	Clear to slight viscous liquid	Complies
Colour:	Pale straw to yellow	Complies
Odour:	Slight, Nutty	Complies
Specific Gravity (20°C):	0.900 to 0.920	0.914
Refractive Index (20°C):	1.460 to 1.480	1.469
Acid Value (mg KOH/g) *:	Max 3.0	0.1
Peroxide Value (mg KOH/g) *:	Max 15.0	0.8

### **Fatty Acid Profile**

<b>Component</b>	<b>Specification (%)</b>	<b>Result (%)**</b>
C16:0 Palmitic acid	4 to 8	6.5
C18:0 Stearic acid	1.5 to 4	3.5
C18:1 Oleic acid	68 to 85	80.7
C18:2 Linoleic acid	7 to 15	8.0