

## PRODUCT SPECIFICATION

# Refined Walnut Oil

Reg.-Nr.: 11\_INFO\_Product  
Specification  
Refined Walnut Oil\_C Oil\_A  
Revision C  
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<b>Description</b>	Walnut Oil is the refined fixed oil of the fruits of the walnut tree ( <i>Juglans regia</i> L). The walnut contains about 60% oil.
<b>CAS No.</b>	84012-43-1/ 8024-09-7
<b>INCI Name</b>	Juglans Regia Seed Oil
<b>Properties</b>	A pale yellow to golden yellow oil. It has a neutral odor and taste. It is insoluble in water.



### Physical and Chemical Characteristics

Parameter	Method	Unit	Value
Acid value	NIR	mg KOH/g	max. 0.6
peroxide value	NIR	meq O2/kg	max. 5.0
refractive index (20°C)	NIR		1.474 - 1.478

### Fatty Acid Composition (GC of FAMES)

Parameter	Method	Unit	Value
16:0 palmitic acid	AOCS Ce 1a-13	%	6.0 - 8.0
16:1 palmitoleic acid	AOCS Ce 1a-13	%	max. 0.5
18:0 stearic acid	AOCS Ce 1a-13	%	1.0 - 3.0
18:1 oleic acid	AOCS Ce 1a-13	%	14.0 - 21.0
18:2 linoleic acid	AOCS Ce 1a-13	%	54.0 - 65.0
18:3 linolenic acid	AOCS Ce 1a-13	%	9.0 - 15.0