

TECHNICAL DATA SHEET

TRADE NAME	PARYOL 262 NL/R
DESCRIPTION	REFINED HAZELNUT OIL
INCI NAME (UE)	CORYLUS AVELLANA SEED OIL
INCI NAME (US)	CORYLUS AVELLANA (HAZEL) SEED OIL
CAS NUMBER	84012-21-5
EC NUMBER	281-667-7

	U.M.	Test methods	Range
Physical status at 25°C		Visual	Liquid
Acid value	mgKOH/g	AOCS Cd 3d-63	≤ 0.5
Iodine value	gI ₂ /100g	AOCS Cd 1-25	85.0 – 100.0
Saponification value	mgKOH/g	AOCS Cd 3-25	180.0 – 200.0
Peroxide value at drumming*	meqO ₂ /kg	AOCS Cd 8-53	≤ 2.0
Peroxide value during shelf life	meqO ₂ /kg	AOCS Cd 8-53	≤ 10.0
Colour	Yellow/Red	Lovibond cell 5"¼	≤ 40.0Y/4.0R
Unsaponifiable matter	%	AOCS Ca 6b-53	≤ 1.0
Density at 20°C	g/cc	ASTM D1298-85	0.905 – 0.925
Cloud point	°C	AOCS Cc 6-25	≤ -10.0
Pour point	°C	ASTM D97-87	≤ -15.0
Refractive index		AOCS Tp 1a-64	1.470 – 1.473

*Guaranteed at direct arrival in customers' warehouse

Fatty acids composition %(GLC):

Myristic acid	C14:0	≤ 0.2
Palmitic acid	C16:0	4.0 – 8.0
Palmitoleic acid	C16:1	≤ 0.6
Margaric acid	C17:0	≤ 0.1
Margaroleic acid	C17:1	≤ 0.1
Stearic acid	C18:0	1.5 – 4.0
Oleic acid	C18:1	68.0 – 85.0
Linoleic acid	C18:2	7.0 – 15.0
Alpha-Linolenic acid	C18:3	≤ 0.5
Arachidic acid	C20:0	≤ 0.5
Eicosenoic acid	C20:1	≤ 0.5
Behenic acid	C22:0	≤ 0.3
Erucic acid	C22:1	Tr.

Shelf life: 12 months minimum in cool conditions in unopened container

Note: the reported shelf life is referred to the product stored at room temperature, possibly in the original packaging and away from direct sunlight and heat sources. A&A Fratelli Parodi Spa shall not be held liable for a shelf life reduction (e.g. for unexpected increase in peroxides content) if the above conditions are not respected.