



NHR ORGANIC OILS
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Certificate of Analysis Sheet

Organic Plum Kernel Oil

(Prunus domestica)

PRODUCT NAME	ORGANIC PLUM KERNEL OIL
INCI NAME	PRUNUS DOMESTICA OIL
ORIGIN	EU
CAS NUMBER	90082-87-4
EINECS NUMBER	290-179-3
BATCH NUMBER	250425-4

	U.M.	TEST METHODS	RANGE	ANALYTICAL RESULTS
Physical status at 25C°	/	Visual	Liquid	Conform
Colour	/	Visual	Golden light yellow	Conform
Acid value	mg KOH/g	AOCS Cd3d-63	≤ 4.0	1,1
Peroxide value	meq O ₂ /Kg	AOCS Cd8-53	≤ 15	5,2
Density at 20 °C	g/cc	ASTM D1298-85	0.910 – 0.930	0.920

Fatty acids composition %(GLC):			
Palmitic acid	C16:0	4 - 9	5.9
Palmitoleic acid	C16:1	≤ 2.0	1.1
Stearic acid	C18:0	≤ 3.0	1.6
Oleic acid	C18:1	60.0 – 85.0	62
Linoleic acid	C18:2	14.0 – 30.0	29
Alpha-Linolenic acid	C18:3	≤1.0	Tr.

Storage and packing:

The product must keep into the original packages, protected from moisture, properly closed under cover. The shelf life if unopened in the original standard packages. Once opened the shelf life of the oil is limited by temperature and light and oxygen exposure. Any remaining oil should be blanketed with nitrogen and used as soon as possible. It's possible to extend the validity of the oil by reanalyzing some parameters.