



**Technical Data Sheet**

**Aprikosenkernöl, raff. (10080)**  
**Apricot kernel oil, ref (10080)**

**PRODUCT INFORMATION**

Botanical Name	Prunus Armeniaca	CAS	68650-44-2 / 72869-69-3
Part Used	Kernel	INCI	Prunus Armeniaca Kernel Oil
		EINECS-Nr.:	272-046-1 / 615-861-3
Product Description	Apricot kernel oil is obtained from the kernels of the apricot (Prunus armeniaca). The fruit kernels contain approx. 40 - 50 % fatty oil. The oil is extracted by pressing the kernels mechanically and subsequent refining.		

ITEM	SPECIFICATION	METHOD
Appearance*	light yellow	Visual
Odor & Taste	Characteristic smell, mild taste	Organoleptic
Solubility	insoluble in water, slightly soluble in ethanol, soluble in lipophilic solvents.	

Physical and chemical parameters	SPECIFICATION	METHOD
Acid value	max. 0.6 mg KOH/g	Ph. Eur. [2.5.1]
Peroxide value	max. 10.0 meq O2/kg	Ph. Eur. [2.5.5]
Refractive index (20 °C)	approx. 1.472	Ph. Eur. [2.2.6]
Relative density (20 °C)	approx. 0.918	Ph. Eur. [2.2.5]
alkaline reacting substances		Ph. Eur. [2.4.19]
Unsaponifiable matter	max. 1.0%	DAB [N 2.5.1]
Iodine number	125,0 - 150,0 g I2/100g	Ph. Eur. [2.5.4]

Fatty acid distribution (GC of TBE)	SPECIFICATION	METHOD
14:0 Myristic acid	max 1.5%	Ph. Eur. [2.4.22]
16:0 Palmitic acid	3 - 10%	Ph. Eur. [2.4.22]
16:1 Palmitoleic acid	max 1,5%	Ph. Eur. [2.4.22]
18:0 Stearic acid	0,5 - 4,0%	Ph. Eur. [2.4.22]
18:1 Oleic acid	54,0 - 70,0%	Ph. Eur. [2.4.22]
18:2 Linoleic acid	20 - 35%	Ph. Eur. [2.4.22]
18:3 Linolenic acid	max 1%	Ph. Eur. [2.4.22]
20:0 Arachidic acid	max 0.5%	Ph. Eur. [2.4.22]
20:1 Eicosenoic acid	max 0.5%	Ph. Eur. [2.4.22]
22:0 Behenic acid	max 0.5%	Ph. Eur. [2.4.22]
other fatty acids	max 1%	Ph. Eur. [2.4.22]

**STATEMENTS**

Residual Solvents	It complies with the guideline for solvent residues (CPMP/ICH/82260/2006).
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**STORAGE AND HANDLING**

Storage	Store in a well-closed container away from moisture and direct sunlight
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**All above information according to the manufacturer / supplier**

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