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**SPECIFICATION**

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**ALMOND OIL, EP**

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**Code:** P4 003  
**CAS:** [8007-69-0]  
**EINECS:** 616-913-8

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	<b>Specification</b>	<b>Unit</b>
Appearance	pale yellow, clear liquid	/
Solubility	slightly soluble in ethanol (96 %), miscible with light petroleum	/
Density (20 °C)	916	kg/m <sup>3</sup>
Solidification Point	-18	°C
Specific absorbance at 270 nm	0,2 - 6,0	/
Acid value	< 0,5	mg KOH/g
Peroxide value	< 5,0	meq O <sub>2</sub> /kg
Unsaponifiable matter	< 0,9	%
Water	< 0,1	%
<u>Fatty acid composition</u>		
- Saturated fatty acids of <C16	< 0,1	%
- C16 palmitic	4 - 9	%
- C16:1 palmitoleic	< 0,8	%
- C 17 margaric	< 0,2	%
- C18 stearic	< 3,0	%
- C18:1 oleic	62 - 86	%
- C18:2 linoleic	20 - 30	%
- C18:3 linolenic	< 0,4	%
- C20 arachidic	< 0,2	%
- C20:1 eicosenoic	< 0,3	%
- C22 behenic	< 0,2	%
- C22:1 erucic	< 0,1	%
<u>Sterol composition</u>		
- Cholesterol	< 0,7	%
- Campesterol	< 5,0	%
- Stigmasterol	< 4,0	%
- β-sitosterol	73 - 87	%
- Δ(5)-avenasterol	> 5,0	%
- Δ(7)-avenasterol	< 3,0	%
- Δ(7)-stigmastenol	< 3,0	%
- Brassicasterol	< 0,3	%

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