



Telefon: +385 (0)1 2370 787

Telefon: +385 (0)1 2370 828

Fax: +385 (0)1 2371 213

E-mail: info@grammol.com

www.grammol.com

Čmkovečka 4, 10000 Zagreb, Croatia

OIB: 33567202025 MB: 01081241

Privredna banka Zagreb d.d.

IBAN HR29 2340 0091 1001 1899 9

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## SPECIFICATION

### Castor oil extra virgin Ph Eur 7.0

**Code:** P1703  
**CAS:** 8001-79-4  
**EINECS:** 232-293-8  
**FORMULA:** -

	<b>Specification</b>	<b>Unit</b>
Appearance	clear almost colourless or slightly yellow	-
Identification	corr/odg	-
Acid value	max.1,5	mg KOH/g
Hydroxyl value	min.160	mg KOH/g
Peroxyde value	max.10	meq/kg
Iodine value	82 - 90	gI <sub>2</sub> /100g
Specific gravity at 20° C	ca 0,958	g/cm <sup>3</sup>
Refractive index (n 20/D)	ca 1,479	-
Unsaponifiable matter	max.0,8	-
Optical rotation	+3,5 - +6	-
Water	max.0,3	%
		1% solution in
Light absorption	max.0,7	96% ethanol at 270nm
Palmitic acid (C16:0)	max.2	%
Stearic acid (C18:0)	max.2,5	%
Oleic acid (C18:1)	2,5 - 6	%
Linoleic acid (C18:2)	2,5 - 7	%
Linolenic acid (C18:3)	max.1	%
Eicosenoic acid (C20:1)	max.1	%
Ricinoleic acid	85 - 92	%
Another fatty acid	max.1	%

Quality assurance  
Svjetlana Perković, mag.ing.cheming.

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