

Product - Specification



Reg-No.: Sp614030b

Rev-No.: b

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Product / Trading-Name: **Stearic acid D2 vegetable**

Description: Stearic Acid D2 is a mixture of saturated, higher fatty acids, which contains mainly stearic and palmitic acid.

Product No.: 614030

CAS No.: 67701-03-5

EINECS No.: 266-928-5

INCI Name: Stearic Acid, Palmitic Acid

Properties: white, waxy, flaky crystals, white hard masses or white or yellowish-white powder. Solubility: practically insoluble in water, soluble in alcohol 96% and in light petroleum

Supplier:

Ekokoza s.r.o.

Fryčovice 297

73945, Fryčovice

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IČ:07508247

Parameter	Method	Unit	Value
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Physical and Chemical Characteristics

titer	Ph. Eur. [2.2.18]	°C	56 - 62
colour (Lovibond 5 1/4") red	EN 1557		max. 1,0
colour (Lovibond 5 1/4") yellow	EN 1557		max. 5,0
acid value	Ph. Eur. [2.5.1]	mg KOH/g	198,0 - 210,0
iodine value	Ph. Eur. [2.5.4]	g I ₂ /100g	max. 2,0
saponification value	Ph. Eur. [2.5.6]	mg KOH/g	198,0 - 210,0

Fatty Acid Composition (GC of FAMES)

< C 16	Ph. Eur. [2.4.22]	%	max. 3,0
16:0 palmitic acid	Ph. Eur. [2.4.22]	%	30,0 - 38,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	62,0 - 70,0
> C18	Ph. Eur. [2.4.22]	%	max. 2,0

Storage:

Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.

Residual Solvents:

It complies with the guideline CPMP/ICH/283/95 and CPMP/ICH/1940/00 corr. (residual solvents)

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