

SPECIFICATION

LIGA CALCIUM STEARATE CPR-2-V PH.EU

BSW: 31301024

version: 2 / 12.09.2003

appearance: white powder

composition: Calcium salt of a vegetable fatty acid, mainly consisting of stearic acid and palmetic acid

properties: Calcium Stearate for special applications in Pharma-, food- and cosmetic industries.
The product is in accordance with the USP29/NF24/BP2003/Ph.Eur 5th ed./DAB10/
FCC 5 th. ed.

parameter	unit	methode	specification limit		
			lower	target	upper
Identification A	metal reaction	USP/NF		passes test	
Identification B	øC	USP/NF	54		
Heavy metals as Pb	ppm	USP/NF			10
Lead	ppm	BAE 300-B			2
Cadmium	ppm	BAE 300-B			3
Nickel	ppm	BAE 300-B			5
Chloride	%	Ph.Eur			0,1
Sulphate	%	Ph.Eur			0,3
Alkalinity	ml 0.01 N NaOH	Ph.Eur			0,5
Acidity or	ml 0,01N HCl	Ph.Eur			0,5
Acid value of the fatty acid	mg KOH/g	Ph.Eur	195		210
Relative content of stearic acid	%	Ph.Eur	40		
Sum of stearic and palmetic acid	%	Ph.Eur	90		
Viable aerobic count	cfu/g	Ph.Eur			1000
Escherichi coli	cfu/g	Ph.Eur		absent	
Organic volatile impurities		USP/NF		meets USP/NF	
Loss on drying	%	BAE 600			3
Ca-content	%	BAE 200 d	6,4		7,1
Ash-content	%	BAE 606	9		10
Free fatty acid	%	BAE 400			1
Sieve residue at 325 mesh	%	BAE 605			1
Bulk density tapped	g/ml	BAE 611a	0,2		0,3
Contamination		BAE 601		in accordance	

The information and datas given in this sheet represent our best knowledge but are not a guarantee for any properties or performance of the products including patent infringement and legislation of other countries. They don't release the customer from making his own assessment under his own assessment under his own conditions and requirements.

Peter Greven Nederland

Edisonstraat 1

NL-5928PG Venlo

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DIN EN ISO 9001
DIN EN ISO 14001

Phone: +31 (77) 3239311