

LIGAMED MF-3-K KOSHER

Magnesium Stearate

BSW: 31410524

version: 1 / 20.08.2014

appearance: A white or almost white, very fine, light powder, greasy to the touch, practically insoluble in water and ethanol. Ein weisses, sehr feines, leichtes Pulver, unlöslich in Wasser, Ethanol und Ether.

composition: Magnesium salt of vegetable fatty acids, kosher certified, consisting mainly of stearic acid and palmitic acid.

properties: Magnesium Stearate with high specific surface area for special applications in Pharma and cosmetic industries. The product is in accordance with the USP42/NF37/BP2019/Ph.Eur 10th ed./D/JP 17th ed

parameter	unit	methode	specification limit		
			lower	target	upper
Identification A	øC	Ph.Eur	53		64
Identification A	metal reaction	USP/NF		Passes test	
Identification B	retention time G	USP/NF		Retentions m	
Acidity or	ml 0,1N HCl or	Ph.Eur			0,05
Alkalinity	ml 0,1N NaOH	Ph.Eur			0,05
Heavy metals as Pb	ppm	JP			20
Lead	ppm	BAE 300-B			5
Cadmium	ppm	BAE 300-B			3
Nickel	ppm	BAE 300-B			5
Chloride	ppm	BAE-627			100
Sulfate	%	Ph.Eur			0,5
Acid value of the fatty acid	mg KOH/g	Ph.Eur	195		210
Relative content of stearic acid	%	Ph.Eur	60		70
Rel. cont. of stearic and palmitic	%	Ph.Eur	95		100
Aerobic microbial count	cfu/g	USP/NF			1000
Moulds & Yeasts	cfu/g	USP/NF			100
Escherichia coli	cfu/g	USP/NF		Absent	
Salmonella Species	cfu/10g	USP/NF		Absent	
Residual Solvents		USP/NF		Meets USP/N	
Loss on drying	%	BAE 600			4
Magnesium content	%	BAE 200 o	4,2		4,8
Free fatty acid	%	BAE 400			2
Sieve residue at 200 mesh	%	BAE 605			1
Bulk density tapped	g/ml	BAE 611a	0,2		0,3
specific surface area BET	m2/g	USP/NF	8		12
Contamination		BAE 601		In accordanc	
PSD D10	µm	BAE-700-B			4

The information and data 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 conditions and requirements.

QUALITÄTSMANAGEMENT SPECIFICATION

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parameter	unit	methode	specification limit		
			lower	target	upper
PSD D50	µm	BAE-700-B	5		9
PSD D90	µm	BAE-700-B			30

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