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SODIUM STEARATE EUR.PHAR.

CODE: NAS-EPH

REVISION DATE: 12th May 2009

NOTES: According to: : the current version of the USP/NF/EP; FCC VI, JPXIII. Produced with Stearic Acid with CoS for BSE/TSE

TECHNICAL SPECIFICATIONS

Assay		Unit	Min	Max
Identification Test	A Freezing point of Fatty Acids	°C	54	--
	B Acid Value of Fatty Acids	mgKOH/g	196	210
	C	--	conforming	
	D for Sodium	--	conforming	
Iodine value		gl ₂ /100g	--	1.0
Na %		%	7.4	8.5
Loss on drying 105°C		%	--	2.0
Organic volatile impurities		--	conforming	
Alcohol – insoluble substance		--	to pass test	
Sodium stearate composition	C ₁₈	%	40	--
	C ₁₈ +C ₁₆	%	90	--
Sieve residue 100 mesh		%	--	0.5
Bulk density		g/l	200	260
Acidity		%	0.85	1.2
Chloride		%	--	0.1
Sulphates		%	--	0.3
Sulphated ash		%	22.8	26.2
Total aerobic microbial count		CFU/g	--	1000
Mould and Yeast		CFU/g	--	200
Escherichia coli		--	absent/10g	
Salmonella		--	absent/10g	
Nickel		ppm	--	5

Quality Control