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Specification Sheet

MICROCRYSTALLINE CELLULOSE 112 NF EP JP (Flocel 112)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
MCCG12	2865	9004-34-6	March 2, 2012	RMK	No. 4	CDS

CHARACTERISTICS:	White free flowing powder, produced from cellulose. Flocel 112 has a median particle size in the region of 90 microns.
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SPECIFICATIONS:	Identification	
	A, B	To pass test
	C (degree of polymerization)	350 max
	Conductivity	75 μ S per cm max
	Solubility	To pass test
	Color	White
	pH	5.0-7.0
	Loss on drying	1.5% max
	Bulk density	0.28-0.34 g/mL
	Heavy metals	10 ppm max
	Water soluble substances	0.24% max
	Ether soluble substances	0.05% max
	Residue on ignition	0.05% max
	Microbial limits	
	Total aerobic count	100 CFU/g max
	Total molds and yeasts	20 CFU/g max
	Staphylococcus aureus and Pseudomonas aeruginosa	Absent
	Escherichia coli and Salmonella	Absent
	Particle size (by Alpine air jet)	
	On an 60 mesh screen	8.0% max
On a 200 mesh screen	45.0% min	
Residual solvents	No solvents used	

PACKAGING:	20 kg Kraft paper bag with HDPE plastic lining 25 bags of 20 kg packing in one pallet
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APPLICATIONS:	Used in the pharmaceutical industry in solid dosage formulations as a tableting aid. 112 suited for direct compression, improves the flow of capsule filling and has a very low moisture content which is typically 2% or less.
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OTHER:	Kosher. The manufacturing site is GMP compliant. Complies with USP/NF, JP, Ph Eur specifications. DMF # 17835. Has a recommended re-evaluation period of 5 years from the date of manufacture
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