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Specification Sheet

MICROCRYSTALLINE CELLULOSE 12 NF JP PH EUR (Vivapur 12)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved
MCCR12	2865	9004-34-6	April 10, 2012	RMK	No. 10	CDS

CHARACTERISTICS:	White or almost white fine or granular powder, produced from cellulose. Dark particles limit: 9/600cm ² where particles are greater than 50 µm
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SPECIFICATIONS:	Identification	
	A, B	To pass test
C (degree of polymerization)	210-270	
Conductivity	50µS/cm max	
pH	5.0-7.0	
Loss on drying	7.0% max	
Bulk density	0.30-0.36 g/mL	
Sulphated Ash/Residue on ignition	0.05% max	
Heavy metals	10 ppm max	
Residual solvents	No solvents used	
Water soluble substances	0.24% max	
Ether soluble substances	0.05% max	
Microbial limits		
Total aerobic count	100 cfu/g max	
Total molds - yeasts	20 cfu/g max	
S. Aureus and P. Aeruginosa	Absent from a 10 g sample	
E. Coli and Salmonella	Absent from a 10 g sample	
Average particle size (microns)	140 to 180 microns	
On a 38 mesh screen	1% max	
On a 94 mesh screen	50% max	
On a 300 mesh screen	70% min	

STOCKING POINTS:	Dallas, TX
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PACKAGING:	20 kg P E bag in a cardboard carton, 20 x 20 kgs per pallet
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APPLICATIONS:	Used in the pharmaceutical industry in solid dosage formulations as a tableting aid. Vivapur 12 offers clear advantages over MCC 102 particularly in terms of weight and content uniformity.
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OTHER:	Has a recommended re-evaluation date of 4 years from date of manufacture.
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