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Specification Sheet

POVIDONE NF (Sunvidone® K-30)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
PK3SCP	3280	9003-39-8	March 29, 2012	RMK	No. 4	NSG

CHARACTERISTICS:	Povidone is a synthetic polymer consisting essentially of linear 1-vinyl-2-pyrrolidinone groups, the degree of polymerization of which results in polymers of various molecular weights. The different types of Povidone are characterized by their viscosity in aqueous solution, relative to that of water, expressed as K-value. White to yellowish-white hygroscopic powder. Soluble in water and organic solvents.
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SPECIFICATIONS:	Identification	
	A	To pass test
	B	To pass test
	C	To pass test
	D	To pass test
	Nitrogen determination (anhydrous)	11.5-12.8%
	Residue on Ignition	Not more than 0.1%
	Lead	Not more than 10 ppm
	Limit of Aldehyde	Not more than 0.05%
	Limit of Hydrazine	Not more than 1 ppm
	Vinylpyrrolidone	Not more than 0.001%
	2-Pyrrolidone	Not more than 3.0%
	Peroxides (as H ₂ O ₂)	Not more 400 ppm
	Formic acid	Not more than 0.5%
	pH	3.0-5.0
Water	Not more than 5%	
K-value	90.0-108.0%	
Residual solvents	None used	

PACKAGING:	20 kg fiber drum with P.E liner 12 drums/pallet
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APPLICATIONS:	Used as a tablet binder/excipient in pharmaceuticals.
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OTHER:	Store under cool dry conditions in original unopened containers. Retest after 3 years.
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