

## PRODUCT: INNOKOAT FV (UNIVERSAL-Aqueous / Solvent Flavoured Film Coating System)

### SPECIFICATION:

S. No.	TEST	SPECIFICATIONS
01.	Appearance	White / Coloured Powder
02.	Ph	4.0 – 7.5
03.	Particle size (Test done on Wet Slurry)	NLT 99% w/w passes through 100 # ASTM sieve
04.	Bulk Density	0.4 - 0.9 gm/cc
05.	Ash	35.00 %w/w
06.	Arsenic	Not more than 2 ppm
07.	Heavy Metals	Not more than 10 ppm

**Note: Customized product will be available on request.**

### METHOD OF USAGE:

Coating Pan Size : 12" Conventional Coating Pan with 3 Baffles / Auto coater  
 Batch Size : 1.000 kg Placebo Tablets  
 Actual Weight gain : 2.5 % w/w on Tablets  
 Process Loss : 0.5 %  
 Quantity of Innokoat : 30.0 gms (including loss)

### FORMULATION:

Ingredient	Aqueous film Coating System	Solvent Film Coating System
	11 % w/w Reconstitution level	5 % w/w Reconstitution level
Innokoat FV	30 gms	30 gms
Purified Water	242 gms	XXX
Iso Propyl Alcohol	XXX	200 gms
Methylene Chloride	XXX	370 gms
Total	272 gms	600 gms

### PROCEDURE OF MIXING: (Aqueous film Coating System)

Aqueous Coating System: Take required quantity of Purified water in vessel. Stir with Propeller Stirrer to form vortex. Add Innokoat in to the vortex; continue to stir for 45 minutes. Pass the solution / dispersion through 80 mesh & then use for coating.

### PROCEDURE OF MIXING: (Solvent Film Coating System)

Take required quantity of IPA in vessel. Stir with Propeller Stirrer to form vortex. Add Innokoat™ in to the vortex & then add required quantity of Methylene Chloride, continue to stir for 45 minutes. Pass the solution / dispersion through 80 mesh & then use for coating.

### PROCEDURE OF MIXING: COATING PARAMETERS:

Coating Pan RPM : 25 to 30      Spray gun : 1 - 1.2 mm nozzle  
 Atomization Pressure : 1 – 1.5 kg / cm<sup>2</sup>      Spray Rate : 3-5(Aqueous)& 15 to 25(Solvent)-g/m  
 Inlet Air Temp. : 60 to 65°C      Product Bed Temp : 40 to 45°C

Pre-warming: 10 mins at slow rpm or by inching

Post Drying: 5 mins at slow rpm or by inching at 40°C

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