

PPRODUCT: INNOKOAT DR-PHALATE (Solvent Enteric Film Coating System)

SPECIFICATIONS:

S. N.	TEST	SPECIFICATIONS
01.	Appearance	White / Coloured Powder
02.	pH	2.5 – 7.5
03.	Particle size (Test done on Wet Slurry)	NLT 99% w/w passes through 100 # ASTM sieve
04.	Bulk Density	0.3 – 1.2 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 with 3 Baffles
 Batch Size : 1.00kg Seal Coated Placebo Tablets
 Actual Weight gain : 8 % w/w on Tablets
 Process Loss : 20 %
 Quantity of Innokoat™ : 100 gms (including loss)

FORMULATION:

Ingredient	5% w/w Reconstitution I Formulation
Innokoat™ DR-PHALATE	100 gms
Iso Propyl Alcohol	665 gms
Methylene Chloride	1235 gms
Total	2000 gms

PROCEDURE OF MIXING:

Formulation-I : Take required quantity of Iso Propyl Alcohol in vessel. Stir with Propeller Stirrer to form vortex. Add quantity of Innokoat™ in vortex, then add quantity of Methylene Chloride & continue to stir for 45 minutes. Pass the solution through 80 mesh screen & then use for coating.

COATING PARAMETERS:

Coating Pan Speed : 25-30 RPM	Spray gun: 1 - 1.2 mm nozzle
Atomization Pressure : 1 – 1.5 kg / cm ²	Spray Rate: 5-15 gms / minutes
Inlet Air Temp. : 60 to 65 °C	Tablet Bed Temp: 40 to 45 °C

Prewarming: 10 mins at slow rpm or by inching
 Post Drying: 10 mins at slow rpm or by inching

Note: It may be useful to apply Seal Coating on Tablets with Innokoat MCS(Seal Coat)- (2.5 to 3 % w/w weight gain) before Enteric Coating.

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