

PRODUCT: INNOKOAT™ DR-L6 (Solvent Enteric Film Coating System)

SPECIFICATIONS:

S. N.	TEST	SPECIFICATIONS
01.	Appearance	White / Coloured Powder
02.	Particle size (Test done on Wet Slurry)	NLT 99% w/w passes through 100 # ASTM sieve
03.	Bulk Density	0.3 - 0.9 gm/cc
04.	Ash	35.00 %w/w
05.	Arsenic	Not more than 3 ppm
06.	Heavy Metals	Not more than 20 ppm
07.	LOD	Not more than 10%

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 Seal Coated Tablets
 Actual Weight gain : 8 % w/w on Tablets Process Loss : 20 %
 Quantity of Innokoat : 100 gms (including loss)

FORMULATION:

Ingredients	10% w/w Reconstitution
Innokoat DR-L6	100 gms
Iso Propyl Alcohol	900 gms
Total	1000 gms

PROCEDURE OF MIXING:

Take required quantity of Isopropyl Alcohol in a vessel. Stir with Propeller Stirrer to form vortex. Add quantity of Innokoat in vortex & continue stirring for 45 minutes. Pass solution / dispersion through 80 mesh & then use for coating. Stir the solution / dispersion continuously during entire coating process.

COATING PARAMETERS:

Coating Pan RPM : 25 to 30 Spray gun: 1 - 1.2 mm nozzle
 Atomization Pressure : 1 – 1.5 kg / cm² Spray Rate: 5 to 15 gm / mins
 Inlet Air Temp. : 55 to 60 °C Product Bed Temp.: 35 to 40 °C

Prewarming: 10 mins by inching the pan

Post Drying: 10 mins by inching the pan

Note: It is necessary to apply Seal Coating on Tablets with Innokoat MCS(Seal Coat) (2.5 to 3 % w/w weight gain) before Enteric Coating

Our technical advice is given without obligation. The buyer is responsible for application and processing of our products and is also liable for observing any third-party rights. Technical data concerning our products are of typical values.

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