

PRODUCT: INNOKOAT DR-XPRT-55 (Aqueous Enteric Film Coating System)

SPECIFICATIONS:

S. N.	TEST	SPECIFICATIONS
01.	Appearance	White / Coloured Powder
02.	pH (pH % solution)	4.5 – 6.0 (20% Dispersion)
03.	ASH	NMT 55%
04.	Enteric Disintegration Performance	As per Pharmacopeia

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

FORMULATION:

Ingredient	20% w/w Reconstitution
Innokoat™ DR-XPRT-55	100 gms
Water	400 gms
Total	500 gms

PROCEDURE OF MIXING:

Take required quantity of Water 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 8 gm / mins
 Inlet Air Temp. : 55 to 60 °C Product Bed Temp.: 35 to 40°C

Prewarming: 10 mins at slow rpm or by inching

Post Drying: 5 to 10 mins at slow rpm or by inching

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

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