

PRODUCT: INNOKOAT AQ-XPRESS (Aqueous-XPRESS Film Coating System)

SPECIFICATION

S.N.	TEST	SPECIFICATIONS
01.	Appearance	White or Coloured Powder
02.	pH	3.5 – 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	50.00 %w/w
06.	Arsenic	Not more than 2 ppm
07.	Heavy Metals	Not more than 20 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 XPRESS Film Coating System
	25 % w/w Reconstitution
Innokoat AQ XPRESS (Yellow)	30 gms
Purified Water	90 gms
Total	120 gms

PROCEDURE OF MIXING:

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

COATING PARAMETERS:

Coating Pan RPM	: 25 to 30	Spray gun	: 1 - 1.2 mm nozzle
Atomization Pressure	: 1 – 1.5 kg / cm ²	Spray Rate	: 2 to 4 gms per minutes
Inlet Air Temp.	: 60 to 65 °C	Product Bed Temp.	: 38 to 43 °C

Prewarming: 10 mins at slow rpm or by inching

Post Drying: 5 mins at slow rpm or by inching

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 typical values.

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