PJ. HEALTHCARE

PRODUCT: INNOKOAT NU-AMIR (Aqueous Moist Care Film Coating System for Neutraceutical Products)

SPECIFICATION:

S.No.	TEST	SPECIFICATIONS
01.	Appearance	White coloured Powder
02.	pH	3.5 – 8.0
03.	Particle size (Test done on Wet Slurry)	NLT 99% w/w passes through 100 # ASTM sieve
04.	Bulk Density	0.3 - 0.9 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 : 3.5 % w/w on Tablets
Process Loss : 0.5 %
Quantity of Innokoat : 40.0 gms (including loss)

FORMULATION:

Ingredient	Aqueous System
	20 % w/w Reconstitution
Innokoat NU-AMIR	40 gms
Purified Water	160 gms
Total	200 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
Atomization Pressure : 1 – 1.5 kg / cm^2
Inlet Air Temp. : 60 to 65° C
Spray gun: 1 - 1.2 mm nozzle
Spray Rate: 5 to 8 gms per minutes
Product Bed Temp. : 38 to 42° C

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

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