

PRODUCT AQS (Aqueous Film Coating System)

Specification:

S. No.	TEST	SPECIFICATIONS
01.	Appearance	White / Coloured Powder
02.	pH	4.0 – 7.5
03.	Particle size (Test done on Wet Slurry)	NLT 99% w/w passes through 100 # ASTM sieve
04.	Bulk Density	0.5 – 1.2 gm/cc
05.	Ash	50.00 %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 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 Film Coating System
	11 % w/w Reconstitution level
Innokoat AQS	30 gms
Purified Water	242 gms
Total	272 gms

PROCEDURE OF MIXING:

Aqueous Coating System: Take required quantity of Purified water in vessel. Stir with Propeller Stirrer to form vortex. Add Innokoat in to the 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	: 3 to 5 gms per minutes
Inlet Air Temp.	: 60 to 65°C	Product Bed Temp.	: 40 to 45°C

Prewarming: 10 mins at slow rpm or by inching

Post Drying: 5 mins at slow rpm or by inching at 40 °C

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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