

INNOKOAT AQ-XPRESS (SEAL-COAT)

(Ready to use SEAL-COATING system for Pellets)

Product code: A1fD1070



P. J. HEALTHCARE

Information Sheet:

• **INNOKOAT AQ-XPRESS (SEAL-COAT)** is an unique grafted Ready to use Aqueous Pellets Seal-Coating system. Product is economically suitable to replace traditionally used Hydroxyl Propyl Methyl Cellulose (HPMC).

Advantages:

- High productivity aqueous SEAL-COATING system.
- Cost efficient.
- Aqueous coating.
- Exceptional moisture barrier functionality.
- Reduce coating process time.
- Low energy consumption.
- Low product bed temperature enhances the stability of drug.
- Can be used for heat sensitive molecules.
- High reconstitution level.
- No adverse impact on drug release.
- Local GMP Good Manufacturing Practice Certifications
- Efficient delivery time

Products Categories & Application:

• **INNOKOAT AQ-XPRESS (SEAL-COAT)**, is for SEAL-COATING of pellets, specially Imidazole segments

- Omeprazole
- Esomeprazole
- Pantoprazole
- Lansoprazole
- Rabeprazole

And their respective salts.

Packing :

25kg HDPE carbouys/fiber drum

Innokoat™ is the trade mark of P.J.Healthcare

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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TECHNICAL DATA SHEET

Specification

Sr. No.	TEST	SPECIFICATION
1.	Appearance	White to off white Colored Granular Powder/Powder
2.	pH	8.0 – 11.0
3.	Particle size(Test done on Wet Slurry)	NLT 99% w/w passes through 60# ASTM sieve
4.	Bulk Density	0.5 – 0.9 g/cc
5.	Ash	40.00 %w/w
6.	Arsenic	Not more than 3.0 ppm
7.	Heavy Metals	Not more than 20 ppm

Note: Customized product will be available on request.

METHOD OF USAGE

Equipment	: Fluid Bed Coater.
Batch Size	: 1.000 kg Pellets.
Actual Weight gain	: 5% w/w on Pellets. (# 14-16).
Quantity of Innokoat (SEAL-COAT)	: 50.0 Gms.

Formulation Data:

Ingredient	Aqueous XPRESS (SEAL COAT)
Innokoat AQ XPRESS (SEAL-COAT)	50 gms
Purified Water	360 gms
Total	410 gms

Note: Weight gain will be 5% to 12% based on size of the pellets & equipment

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# & then use for coating. Continuous slow stirring during entire coating process.

Coating Parameters:

Equipment	: Fluid Bed Coater.	Spray Gun	: 1 mm Nozzle.
Atomization Pressure	: 1 – 1.5 Kg /cm ² .	Spray Rate	: 6 to 8 gms per min per Kg.
Inlet Air Temp.	: 60 to 65°C.	Product Bed Temp.	: 38 to 40°C.

Pre-warming : 10 mins at slow Fluidization or by bubbling at 40°C bed temp.

Post Drying : 10 mins at slow Fluidization or by bubbling between 35 to 40°C temp.

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