# PRODUCT: INNOKOAT™ DR-LS-MIX (Solvent Enteric Film Coating System)

**SPECIFICATIONS:**

| S. N. | TEST | SPECIFICATIONS |
|---|---|---|
| 01. | Appearance | White / Coloured Powder |
| 02. | Particle size (Test done on Wet Slurry) | NLT 99% w/w passes through 100 # ASTM sieve |
| 03. | Bulk Density | 0.3 - 0.9 gm/cc |
| 04. | Ash | 35.00 %w/w |
| 05. | Arsenic | Not more than 3 ppm |
| 06. | Heavy Metals | Not more than 20 ppm |
| 07. | LOD | Not more than 10% |

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

**FORMULATION:**

| Ingredients | 10% w/w Reconstitution |
|---|---|
| Innokoat DR-LS-MIX | 100 gms |
| Iso Propyl Alcohol | 900 gms |
| Total | 1000 gms |

**PROCEDURE OF MIXING:**

Take required quantity of Isopropyl Alcohol 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
Atomization Pressure : 1 – 1.5 kg / $cm^2$
Inlet Air Temp. : 55 to 60 °C

Spray gun: 1 - 1.2 mm nozzle
Spray Rate: 5 to 15 gm / mins
Product Bed Temp.: 35 to 40 °C

Prewarming: 10 mins by inching the pan
Post Drying: 10 mins by inching the pan

**Note**: It is necessary to apply Seal Coating on Tablets with Innokoat MCS (Seal Coat) (2.5 to 3 % w/w weight gain) before Enteric Coating.

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.

**Office**: Surya Niwas, Plot No. 51, Road No. 4, Pushpa Park, Near St. Joseph School, Malad - East, Mumbai - 400 097. INDIA.
Phone: +91-22- 28893685; Tele Fax: +91-22-28893684; E-mail: info@it2limited.com / info@pjhealthcare.co.in

**Factory**: Plot no. 36, Survey. No. 175/4(36), Panchal Udyog Nagar, Village Bhimpore, Nani Daman 396215, U.T. INDIA