



GRAND-QUEVILLY

General site information



Headcount:

282



Authorizations:



KOREA



USA



FRANCE

Product Forms:

modified release solid oral doses / High potent / Narcotics



Number of units produced: 850+ Million doses

Strong expertise

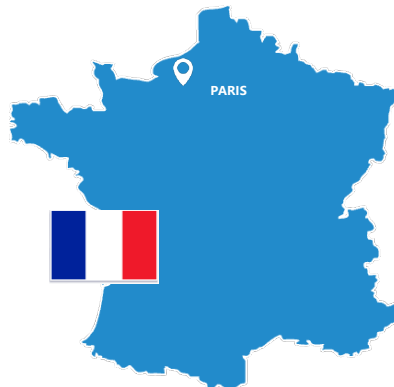


Manufacturing and testing of Complex oral Solid Dosages (Immediate Release, Prolonged Release) ; Controlled Drugs and high potent drugs

Equipment:

- 7 Conventional and perforated coating pans
- 5 Fluid bed coaters
- 2 High sheer granulators
- 3 Tableting machines
- 4 Capsule filling
- 2 Nanosizers

Dedicated Manufacturing Units for High potent product (granulator / drying, tablet press / coating pan / capsule filling)





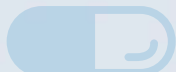
GRAND-QUEVILLY



Granulation and pellets coating in Fluidized Air Bed:

PRODUCTION CAPACITY:

150 tonnes
per year



CAPABILITIES AND EXPERTISE:

- Manufacture of microgranules by spraying API solution or suspension on sugar microspheres
- Coating of microgranules to control dissolution profile (Immediate release, Prolonged release, Delayed release)
- Nanonizing in wet ball mill to improve solubility of water insoluble API



EQUIPMENT:

- Mobile or dedicated solution preparation vessels ranging from 100 litres to 500 litres, with heating and cooling jackets
- 5 Fluid Bed Dryer/Granulator/Coater
 - 1 GEA Flexstream 4500 (300 to 600 kg)
 - 1 GEA PC5-6 K7 F1 (300 kg)
 - 1 GEA PC5-7 K7 F1 (300 kg)
 - 1 GEA PC4-5 F2 (20-70 kg)
 - 1 GEA MP 2-3 (7-25 kg)
- 3 Nanonizers
 - 1 HOSOKAWA 90AHM (1,1L)
 - 1 HOSOKAWA 120 AHM (17L)
 - 1 NETZSCH LMZ160 (60L)
- 1 granulator GEA PMA 65 I (12/15 kg)
- 1 granulator/dryer Diosna PVA10-60 (8/12 kg)
- Various types of online grinders and sieves
- 1 Tumble blender
- 2 Blending pans



GRAND-QUEVILLY

Manufacture of microgranules in Conventional and Perforated Coating Pans



PRODUCTION CAPACITY:

60 tonnes
per year



CAPABILITIES AND EXPERTISE:

- Manufacture of microgranules by agglomeration of API powder on sugar microspheres
- Coating of microgranules to control dissolution profile (Immediate release, Prolonged Release)
- Batch sizes ranging from 60 kg to 300 kg

EQUIPMENT:

- Solution preparation vessels ranging from 20 litres to 100 litres
- 6 perforated coating pans
 - 3 Vigor-Seux (150 to 300 kg)
 - 1 O'Hara FC48XC (270 kg)
 - 1 O'Hara FC48XC (150 kg)
 - 1 Glatt (70 kg)
- 7 conventional coating pans (150 kg)





GRAND-QUEVILLY

Manufacture of Tablets and Hard Gelatine Capsules



CAPABILITIES AND EXPERTISE:

- Manufacture of tablets from granulated products
- Tablet coating
- Filling of hard gelatine capsules (# 00 to # 4)
- Batch sizes ranging from 25 kg to 600 kg

EQUIPMENT:

- 2 tablet press Fette 2900i (300,000 tab/h)
- 2 tablet press Fette P1200 (120,000 tab/h)
- 2 Capsule fillers IMA MATIC 90 (90,000 caps/h) with online checkweigher
- 1 Capsule filler IMA Adapta (100,000 caps/h) with online checkweigher
- 1 capsule filler MG2 Compact (45,000 caps/h) with online checkweigher
- 1 tablet coater O'Hara (150 kg)
- 1 tablet coater Glatt (70 kg)





GRAND-QUEVILLY



UPC1: Production Unit dedicated to high potent products

CAPABILITIES AND EXPERTISE:

- High containment unit designed for handling and manufacturing high potent drugs (up to OEB4) in Oral Solid Dosage forms.
- High potent handling expertise.

EQUIPMENT:

- Vacuum granulator/dryer (with solvent recovery) GEA UP25 (6 - 8 kg)
- 1 tablet press IMA Pressima THZ01 (60,000 tab/h)
- 1 Capsule filler ZANASI TH16 (16,000 caps/h)
- 1 tablet coater O'HARA Labcoat IIX (12-30 kg)





GRAND-QUEVILLY

QC Laboratories



More than 40 different types of Laboratory equipment

CAPABILITIES AND EXPERTISE:

- Testing of oral solid dosage forms
- 1 lab dedicated to high potent & anti-cancer drugs
- Analytical method development and transfer
- Trouble shooting
- Stability studies
- Digitalized analytical activities (LIMS)

EQUIPMENT:

- 23 HPLC
- 6 UPLC
- 2 Gas Chromatographs
- 20 dissolution baths
- 4 UV or IR Spectrometers
- Particle sizers

