## Our manufacturing capabilities

# Primary sites

## PORT ELIZABETH, SOUTH AFRICA



#### **UNIT 1 FACILITY**

Capability: High-volume solids manufacturing and packing for domestic and export markets.

Capacity: 6 billion tablets. Accreditation: ANVISA, FMHACA, GCC, ICHA, MCAZ, MCC, MHRA, NAFDA, NDA, PIC/S, PMPB, PPB, TFDA, TGA, US FDA, WHO.

#### **UNIT 2 FACILITY**

Capability: Small to medium-volume solids manufacturing for domestic and export markets. Capacity: 4 billion tablets. Accreditation: ANVISA, FMHACA, GCC, ICHA, MCAZ, MCC, MHRA, NAFDA, NDA, PIC/S, PMPB, PPB, TFDA, TGA, US FDA, WHO.

#### **UNIT 3 FACILITY**

Capability: End state packing for domestic market.

Capacity: 140 million packed units of tablets and capsules. Accreditation: MCC

and PIC/S.



## **UNIT 4 FACILITY**

Capability: Hormonal and high-potency solids manufacturing and packaging for the domestic and export markets.

Capacity: 3,2 billion tablets (hormonal); 395 million tablets (potency). Accreditation: MCC<sup>▲</sup> and LAsD.

▲ Pending.



#### STERILE FACILITY SVP 1: **MULTI-PRODUCT SUITES A AND B**

Capability: Eye drops, ampoules, liquid and lyophilised vials for domestic and export

Capacity: Suite A: 42 million units of eye drops; 2,9 million units of liquid vials; Suite B: 11,75 million units of ampoules; 23,5 million units of liquid vials.

Accreditation: ANVISA, LASD<sup>♠</sup>, MCC, PIC/S, PPBA, US FDA, WHO (pre-qualification).

◆ Pending.

#### STERILE FACILITY SVP 2: HIGH-POTENCY SUITE

Future capability: Lyophilised vials, vials, ampoules and prefilled syringes.

Capacity: Phase 1: 110 million prefilled syringes per annum. Accreditation: Regulatory inspections to take place (project phase).

## NOTRE DAME DE BONDEVILLE, FRANCE



#### **BLOCK 3: ETNA AND STROMBOLI LINES, PFS FILLING, VISUAL INSPECTION, DEVICE ASSEMBLY AND PACKAGING BUILDINGS**

Capability: Aseptic prefilled and terminally sterilised syringe manufacturing and packing for domestic and export markets.

Capacity: 85 million syringes (Etna line); 130 million syringes (Stromboli line). Accreditation: ANSM, ANVISA, ASN, DQS, HPB, PMDA, US FDA.

## **BAD OLDESLOE, GERMANY**



#### MULTI-PRODUCT SUITE

Capability: Solid dose forms, oral and topical liquids, semi-solids and blow-fill seal, manufacturing and packing for domestic and export markets.

Capacity: 3,3 billion tablets; 6 240 tonnes of liquids; 1 404 tonnes of topical liquids; 351 tonnes of semi-solids, 60 million units for blow-fill seals.

Accreditation: ANVISA, GRA, IRA, LRA, PPB, PMDA, TGA, US FDA.

## **API** facilities

## **CAPE TOWN, SOUTH AFRICA**



#### **FCC API FACILITY**

Capability: Specialised API manufacturing for domestic and export markets. Capacity: 46 000kg
Accreditation: EDQM, MCC, PIC/S, PMDA, US FDA.

## **NOTRE DAME DE BONDEVILLE, FRANCE**



#### **API FACILITY**

## NADROPARIN

Capability: Specialised biochemical API – conversion of heparin to nadroparin. Capacity: 200 batches of nadroparin. Accreditation: ANSM, DQS.

#### **CERTOPARIN**

Capability: Specialised biochemical API – conversion of heparin to certoparin. Capacity: Work in progress.

Accreditation: In progress.



## **FONDAPARINUX FACILITY**

Capability: Specialised chemical API – purification by chromatography of Fondaparinux. Capacity: 34 batches of Fondaparinux sodium.

Accreditation: ANSM, ANVISA, DQS, KFDA, PMDA, TRA, US FDA.

SIOUX CITY, USA



#### API FACILITY

Capability: Specialist biochemical API – heparin intermediates.

Capacity: Biologicals – capacity is measured on demand – dependent on product mix.

Accreditation: US FDA.

## **OSS, THE NETHERLANDS**



### DE GEER SITE

**Capability:** Specialised hormonal and chemical APIs. **Capacity:** 150KvH.

Accreditation: ANVISA, IGZ, KFDA, PMDA, US FDA.



### MOLENEIND SITE

**Capability:** Specialised biochemical, hormonal and chemical APIs. **Capacity:** Dependent on product mix.

Accreditation: ANVISA, IGZ, KFDA, PMDA, US FDA.



## **BOXTEL SITE**

Capability: Specialised biochemical API – gonadotrophin intermediates. Capacity: Measured on demand. Accreditation: IGZ, PMDA, US FDA.