

#### Introduction



- Established in 2010, Bills Biotech is family owned private limited company promoted by Ranjit Buildcon Group.
- It's ISO 9001:2015 and WHO-GMP certified specialty bulk drug manufacturing company based on fermentation technology.
- Our vision is to be viewed as one of the leading specialty biopharmaceutical companies at the global level.
- Ours **mission** is to provide quality APIs of international standards to our clients with minimum impact on environment.



## **Facility Overview**





Total Land Area: 9000 Sq Meter

Zero Discharge Facility



## Microbiology











Two separate sterile areas with LAF
Double door sterilizer with data printer
Incubator shakers
BOD incubator
Centrifuge
Microscope with Camera
Liquid nitrogen storage
-80 °C Freezer



## QC Laboratory











GC system
Stability Chambers
Spectrophotometer
Micro balance (MT)
KF moister analyzer



#### **Process Development Laboratory**

(Upstream and Downstream)











Microfiltration (Pilot)





Nano filtration (Pilot)



#### Upstream (Production)



40 KL Fermenter
4KL Fermenter + Seed vessel
400 Ltr Fermenter + Seed vessel
2 KL Dosing vessel
500 Ltr Dosing vessel





## Downstream (Production)





20 KL Broth Harvester
58 M<sup>2</sup> Microfiltration system
Decanter Centrifuge
2 x 28 KL Reactor vessel
5KL Vacuum Distillation
3KL Vacuum Distillation
Sparkler filtration
Nutch Filter
Crystallizer





#### Downstream (Purification)





340 Ltr Chromatography Column 2500 Ltr Chromatography Column Gradient Preparation tanks Solvent storage tanks Fraction collection tanks



## Downstream (Clean Room)









Class 100000 Area
Basket Centrifuge
Vacuum Tray Dryer
Multimill
Vibro sifter
Sealing machine



#### Finish Product Storage and Packaging





Two separate climate control area for FP storage

 $(1) 2-8 {}^{0}C$ 

(2) 25 °C

• 0.3 micron Finish Product Packaging Area with HVAC



# Utility















Boiler
Chiller
Brine Chiller
Air compressors
DG set
Water cooling towers
Vacuum pumps
RO and DM water plant
Water Distribution loop system



#### **ETP**



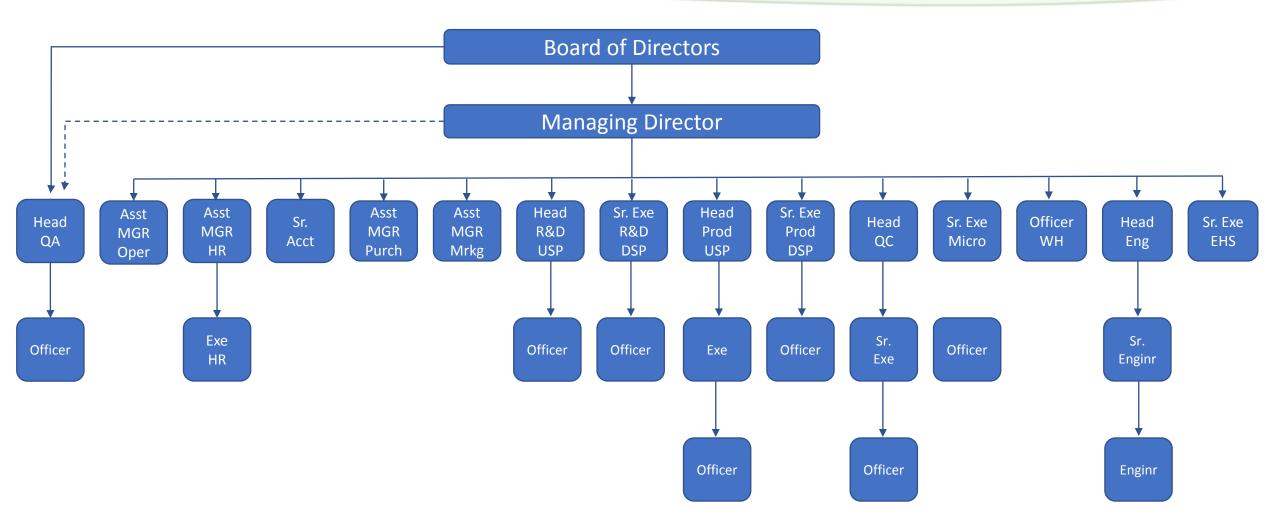


Zero discharge facility
10 KL per day treatment capacity
Online monitoring system for CPCB



#### Organogram







#### **List of Products**



Product	Pharmacopeia	Therapeutic Segment	Status of DMF
Mupirocin	IP/USP/BP/EP	Topical Antibiotic	Available
Mupirocin Calcium	USP/EP/BP	Topical Antibiotic	Tech Pack
Tacrolimus	IP/USP	Immunosuppressant	Tech Pack



#### Our Strength



- •Strong process R&D based biotech company having experience in manufacturing and marketing of it's own products (Orlistat, Mupirocin and Tacrolimus).
- •Strong team of senior personnel with diverse background propelling the young team towards excellence.
- Company with young and enthusiastic staff.
- Strong financial backup.
- •Being privately own company it has a flexibility to work with partners to realize the common goals.





## Thank You