28 years of Growth & Success

Innovative
Medicines for
Betterment of Life

Bosch

Symbol of Quality Pharmaceuticals

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Bosch Pharmaceuticals (Pvt) Ltd.

Symbol of Quality Pharmaceuticals

Head Office
8, Modern Society, Tipu Sultan Road, Karachi-75350 Pakistan
Ph: 34543618, 34541876, 34543641-2, 34325272-3 Telex: 29113 MAI PK
Fax: (021) 34545915, 34543619

Plant-I
Bosch House, 221, Sector 23, Korangi Industrial Area, Karachi, Pakistan.
Ph: 35053103, 35053105, 35053107-8
Fax: (021) 35053104

Plant-II & Marketing Office
209, Sector 23, Korangi Industrial Area, Karachi, Pakistan.
Ph: 35053267, 35072593, 35072602, 35114311-5 Fax: (021) 35053268

Plant-III
223, Sector 23, Korangi Industrial Area, Karachi, Pakistan.
Ph: 35053103, 35053105, 35053107-8
Fax: (021) 35053104

Plant-IV
Plot No. B-1, North Western Industrial Zone, Port Qasim-Karachi.

Linz Pharmaceuticals (Pvt) Ltd.
31-G/H, Sector 15, Korangi Industrial Area, Karachi, Pakistan.

Warehouse Facility
219, Sector 23, Korangi Industrial Area, Karachi, Pakistan.

www.bosch-pharma.com

FOUNDATION

Bosch Pharmaceuticals was founded in 1994 being the first plant in Pakistan with three dedicated sterile areas and pioneer manufacturer of cephalosporins.

MISSION

Quality medicine at affordable price for all class of people.

TARGET

Introduce innovative medicine through latest technologies, manufactured in state-of-the-art cGMP compliant facilities.

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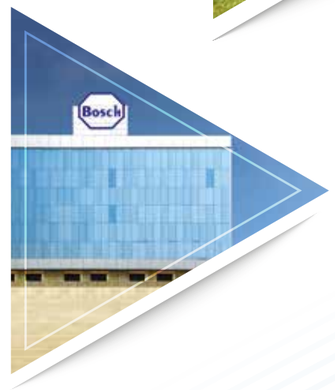

KEY TO OUR SUCEESS

The key to our success in just 28 years is never to be complacent with our achievements.

We endure to invest a great deal of capital into innovation, research, engineering and development of both technical abilities and human resources.

We always pay particular attention to develop a highly qualified, committed and responsible team of staff.

Investment for the continuous grooming and development of our people to meet the upcoming challenges in all fields of business.

We offer our clients excellent quality of products with affordable prices and customer satisfaction.

RESEARCH & DEVELOPMENT

For the well-being of human lives and to pay back the confidence of public, **Bosch** Pharmaceuticals continues to invest and focus on Research and Development.

- We stay in close contact with Physicians, Surgeons, and other health care professionals to learn more about the unmet needs of therapeutics, latest approaches to treatments and responses of medicines.
- We constantly monitor global updates of novel molecules for introduction to market. This ensures provision of advance therapeutics options for patients benefit without delay and better health outcomes.
- Our research and development department has latest equipments with advance skill to carry out new product development process at fast pace.
- We execute various research-based meetings, sessions and seminars to upgrade the knowledge of the industry and welfare of general public.

TIMELINE GROWTH & MILESTONES

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1994

Bosch Pharmaceuticals was founded, which served as the first plant in Pakistan with three dedicated sterile areas and pioneer producers of cephalosporin injectables nationally.

1997

Increased manufacturing facilities from 50,000 sq ft to 150,000 sq ft to meet the growing requirement of the market.

1998

Installed in-house glass ampoule manufacturing under technical collaboration of Schott glass Germany.

2000

Acquired place amongst the top 50 pharmaceutical manufacturers in the country and acquired ISO 9001 certification from SGS Belgium.

2003

Launched new marketing divisions to accomodate the upcoming range of products.

2005

Commenced production in the first dedicated Penicillin manufacturing plant of Pakistan.

2007

Started production in the first lyophilization facility of Pakistan, manufacturing PPI Infusion and Vancomycin CP in Pakistan.

2009

Launched complete range of Co-Amoxiclav in Pakistan with the introduction of Calamox - Duo. Also launched internationally available, Paracetamol infusion under the brand name of Bofalgan.

2010

Launched Carbapenem group of products Cilapen (Imipenem + Cilastatin) and Penro (Meropenem) by manufacturing first time in Pakistan.

2011

Started production in **Bosch** Plant II, our state-of-the-art large volume parenteral and liquid infusion filling plant with current capacity of 120,000 infusions and 250,000 ampoules per day.

2014

Established new Good Warehouse Practices compliant dedicated warehousing facilities to meet the growing requirements. Also acquired world's first Halal certification for pharmaceutical industry.

2016

Started construction on Pakistan's largest dedicated cGMP compliant penicillin plant covering 300,000 sq.ft.

2020

Setting up Pakistan's largest dedicated Penicillin API plant at Port Qasim, Karachi.

2022

Started production of Pakistan's largest cGMP compliant penicillin plant with state-of-art facilities of injectable powder vials, dry suspensions, capsules and tablets to cover Pakistan and world market. Became 7th largest pharmaceuticals in Pakistan.

QUALITY OPERATIONS

At **Bosch**, we focus on quality assurance of total activities at all stages of production, from procurement of raw materials from vendors to ensure stability and safety of our products until it is reached to end user and therefore, ensuring the Quality in and Quality out. Our quality operations has five laboratory facilities; including chemical, microbiological, pyrogen/sterility, packing material and R&D laboratory for new formulations/molecules.

- **Chemical Lab**
- **Microbiological Lab**
- **Pyrogen/Sterility**
- **Packing Material**
- **R&D laboratory**

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MANUFACTURING FACILITIES

Bosch has five state-of-the-art cGMP certified manufacturing plants located in Karachi, Pakistan; with separate and dedicated manufacturing areas.

FIRST & ONLY
PHARMACEUTICAL MANUFACTURER
WITH 5 PLANTS & 16 DEDICATED MANUFACTURING FACILITIES

- Penicillin Injectable
- Penicillin Oral
- Cephalosporins Injectable
- Cephalosporins Oral
- Quinolones
- Parenteral Infusions
- Lyophilization Vials
- Lyophilization APIs
- Carbapenems
- Psychotropics
- Cream Ointment & Lotions
- Ampoule Injections
- PPI Pellets
- Ophthalmics
- General Specialities
- Sachets

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PENICILLIN PLANT

comprising of over 300,000 sq.ft, **Bosch** is Pakistan's leading manufacturer of Penicillin products at its latest dedicated plant.

PENICILLIN INJECTABLES

Bosch is the pioneer producer of Piperacillin + Tazobactam in Pakistan under the brand name of Tanzo.

TANZO®
(Piperacillin + Tazobactam U.S.P.)

Amplus®
(Ampicillin + Cloxacillin)

CALAMOX®
(Co-amoxiclav)

Plus Bactamox®
(Amoxicillin + Sulbactam)

Supramox
(Amoxycillin)

Ambac®
(Ampicillin + Sulbactam)

PENICILLIN ORAL

Bosch has the largest formulation range of Co-Amoxiclav under the brand name of Calamox in the country and also in World Market.

CALAMOX®
(Co-amoxiclav)

Supramox
(Amoxycillin)

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CEPHALOSPORIN INJECTABLE

Bosch is the pioneer and the largest producer of cephalosporins in the country, producing

COMPLETE RANGE from

1st to 4th GENERATION

of oral and injectable formulation in all dosage forms.

CEFXONE®
(Ceftriaxone)

Fortazim®
(Ceftazidime)

CEFOTAX®
(Cefotaxime)

Cebac
(Cefoperazone Sodium + Sulbactam Sodium)

CEFRINEX®
(Cephradine)

NUXIPIM™
(Cefepime)

Bosch

CEPHALOSPORIN ORAL

Cebosh®
(Cefixime)

Cefalor®
(Cefaclor)

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Linzim®
(Cefixime)

DROMAX
Cefadroxil Monohydrate

Prelox®
(Cefpodoxime)

CEFRINEX®
(Cephradine)

Zecef®
(Cefuroxime)

INFUSIONS

Bosch has the largest facility of **Large Volume Parenteral** having two plants with the capacity to produce **160,000** vials per day.

1st Manufacturer with dedicated QUINOLONE manufacturing facility

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Bosch manufactures the complete range of quinolone parenteral and oral formulations in Pakistan's first dedicated quinolone plant.

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Bosch is
PAKISTAN'S
largest producer of **carbapenem** range
manufactured at its **dedicated** carbapenem plant.

Cilapen
(Imipenem and Cilastatin)

PENRO®
(MEROPENEM)

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LYOPHILIZATION FACILITY
Bosch is the first and largest manufacturer of lyophilized products comprising of PPI Injectables and other life saving drugs with the provision to produce lyophilized API.

ZEZOT®
(Azithromycin)

Omezol®
(Omeprazole)

BTig
(Tigecycline)

SOMEZOL®
(Esomeprazole)

BOSCHIVIR™
Lyophilized Powder for Infusion 100mg
(Remdesivir)

Qpro®
(Lansoprazole)

Zentro
(Pantoprazole)

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STERILE PARENTERAL PRODUCTS

Bosch is the pioneer in Pakistan to introduce ampoule pack formulations for **Amikacin** and **Lincomycin**.

Bosch has its own in-house cGMP compliant glass ampoule manufacturing facility in technical collaboration with Schott Glass Germany, with the capacity to produce **700,000** ampoules a day.

Amkay® (Amikacin)

Olinc® (Lincomycin)

Qbal® (Mecobalamin)

Gentic® (Gentamicin)

Bunail® (Nalbuphine HCl)

Btrol® (Tranexamic Acid)

NORPIN Buprenorphine (as HCl)

idazol (Midazolam)

Orthofenac® (Diclofenac Sodium)

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ORAL FORMULATIONS

Apart from the dedicated facilities of Cephalosporins, Penicillin & Quinolones, **Bosch** Pharmaceuticals also produce oral formulation of various therapeutic categories.

Our oral formulation facility has a capacity of manufacturing

3,000,000
Tablets per day

2,500,000
Capsules per day

250,000
Suspension per day

PACKAGING FACILITIES

To meet the growing requirements of the local and export market.

Bosch has four cGMP compliant packing halls equipped with the capacity of packaging.

500,000 units per shift supported by Klockner state of the art blister packing machine.

3,000,000 caps/tablets per day.

Having **14 packing belts, 8 automatic** labeling and packing machines.

9 cold forming/sealing blister units for packing of hygroscopic tablets and capsules under controlled atmosphere.

2,260 packing staff is working in 5 plants under qualified and experienced supervisors.

WAREHOUSE **FACILITIES**

To meet the requirement of Good Storage Facilities, each plant has three warehouses with total covered area of **350,000 sq.ft.**

Quarantine section for incoming packaging/raw materials.

Storage facility for approved packaging/raw materials.

Cold room and cool facilities.

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BACK-UP **SUPPORT**

Under engineering department, 4 plant rooms are working round the clock to provide continuous back-up support to production, QC and R&D department with the following facilities:

4 Plants for D.I. Water.

4 Plants for W.F.I.

4 Boilers.

6 Caterpillar generators have been installed to run all these units, without power interruption.

14 Chiller units with capacity of **3500 tons,** providing cooling through **99 air handling units** working for dedicated manufacturing facilities with **2** Oxygen plants & **3** Nitrogen plants.

MARKETING TEAM

Our Marketing team is a crucial part of **Bosch** Pharmaceutical (Pvt.) Ltd. which serves as the face of our company with ethical marketing practices, business strategies and action plans for the sales force which has created a positive image of our company in the industry.

7th Largest Pharmaceutical Manufacturer in Pakistan

1st Largest PENICILLIN INJECTABLE manufacturer

1st Largest CARBAPENEM manufacturer

2nd Largest PENICILLIN ORAL manufacturer

2nd Largest AMINOGLYCOSIDE manufacturer

3rd Largest CEPHALOSPORIN manufacturer

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MARKETING ACHIEVEMENTS

CALAMOX® (Co-amoxiclav)
TABLETS | SUSPENSIONS | DUO
INJECTIONS | DROPS

Bofalgan® (Paracetamol)
1G/100ml Infusion & 300mg/2ml Injection

TANZO®
(Piperacillin + Tazobactam)
2.25g & 4.5g IV Injection

Omezol® (Omeprazole)
Capsule 10mg, 20mg & 40mg
I.V Injection / Infusion 40mg

Cebosh® (Cefixime)
Susp. 100mg/5ml, Susp. 200mg/5ml, Cap. 400mg, Tab. 200mg & 400mg

MICROFINE CEFOTAX® (Cefotaxime)
0.25G IM/IV | 0.5G IM/IV | 1G IM/IV

CEFXONE® (Ceftriaxone)
0.25G IM/IV | 0.5G IM/IV | 1G IM/IV | 2G IV

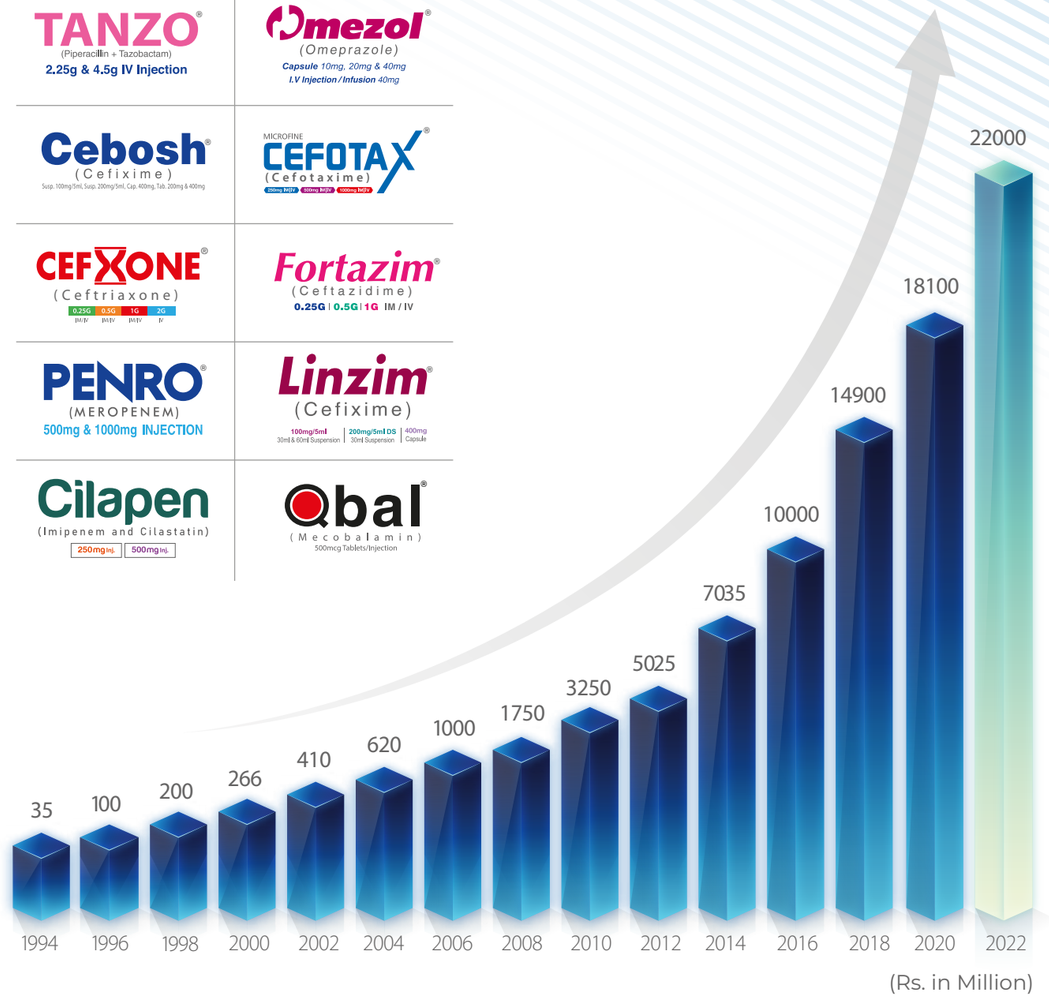
Fortazim® (Ceftazidime)
0.25G | 0.5G | 1G IM / IV

PENRO® (MEROPENEM)
500mg & 1000mg INJECTION

Linzim® (Cefixime)
100mg/5ml 30ml & 60ml Suspension | 200mg/5ml DS 30ml Suspension | 400mg Capsule

Cilapen® (Imipenem and Cilastatin)
250mg Inj. | 500mg Inj.

Qbal® (Mecobalamin)
500mcg Tablets/Injection



(Rs. in Million)

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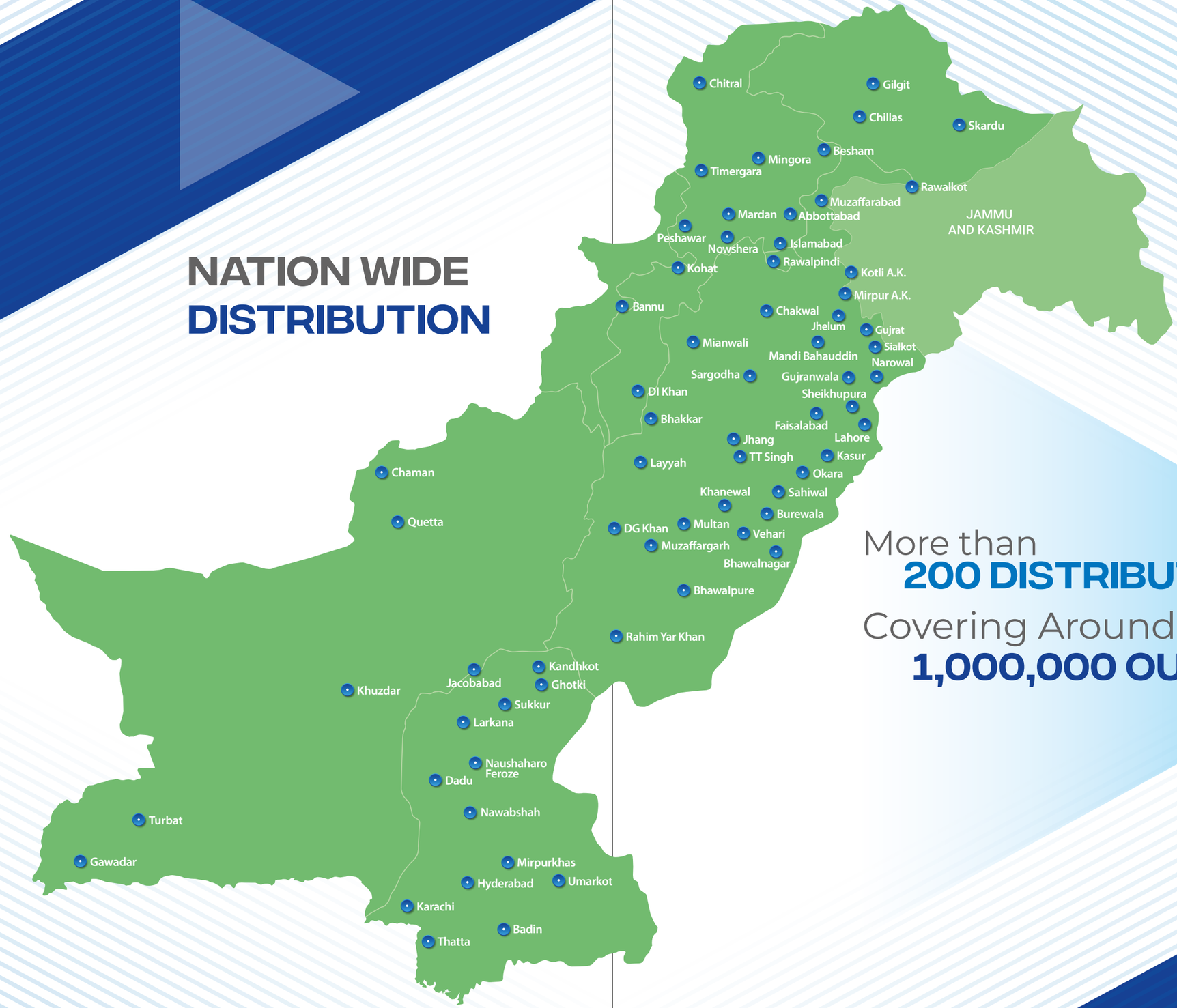
NATION WIDE DISTRIBUTION



More than
200 DISTRIBUTORS

Covering Around
1,000,000 OUTLETS

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AROUND THE WORLD

Russia
Kyrgyzstan
Azerbaijan
Uzbekistan
Tajikistan
Afghanistan
Syria
Qatar
Peru
Yemen
Gabon
Rwanda
Burundi
Tanzania
Togo
Madagascar
Srilanka
Myanmar
Cambodia
Vietnam
Philippines

- Russia
- Kyrgyzstan
- Tajikistan
- Azerbaijan
- Uzbekistan
- Afghanistan
- Syria
- Qatar
- Peru
- Yemen
- Cambodia
- Gabon
- Rwanda
- Burundi
- Tanzania
- Togo
- Madagascar
- Myanmar
- Vietnam
- Philippines
- Srilanka

OUR EXPORT **ACHIEVEMENTS**

{Awards Presented by Prime Minister of Pakistan}

KCCI, Karachi - Based Exporters Award
2003-04
SPECIAL MERIT AWARD
PRESENTED TO
Bosch Pharmaceuticals (Pvt.) Ltd.

ACCREDITATION

IMS
ISO 9001
Certified

IMS
ISO 14001
Certified

IMS
OHSAS 18001
Certified

Halal
PS3733:2016

Pakistan Halal Standard
(PS-3733:2010)

Global Halal Management System
IH-Alliance Malaysia

Malaysian Standard
MS-2424:2012

Bosch has consistently adopted a stringent internal control within our **Halal Assurance system.**

Bosch is inspected and accredited by various global health authorities on advance cGMP like PIC/S and WHO for marketing of products in their respective countries.

PNAC Pakistan National Accreditation Council LAB 168 17025

UKAS QUALITY MANAGEMENT 0005

ISO 9001 SGS · ISO 14001 SGS · ISO 45001 SGS

QSCert GMP

Pakistan's 1st Halaal Certified

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PARTNERS IN QUALITY MEDICINE

To ensure quality at each and every step of our production we have formed strategic international partnerships for raw materials, packaging materials and machineries.

KLÖCKNER PENTAPLAST Germany

ACS DOBFAR Italy

CAM Italy

Mallinckrodt UK

SANDOZ Austria

SHIMADZU Japan

Biocon

Hoechst Marion Roussel

NCPC

SCHOTT Glass Germany

BOSCH

SAINT-GOBAIN France

DR. REDDY'S

Thermo ELECTRON CORPORATION U.S.A.

Tofflon

HPGC HARBIN

Colorcon UK

HACH ULTRA ANALYTICS U.S.A.

IFF

UNITED LABORATORIES LTD.

AUROBINDO Committed to healthier life!

OXYMAT Denmark

NecLife

HETERO

DSM Holland

Orchid Chemicals & Pharmaceuticals Ltd.

TRUKING

LIVZON

QILU

AUSTAR

SINOPHARM

OUR QUALITY PRODUCTS

CEPHALOSPORINS

ANTI RHEUMATICS

PENICILLINS

ANALGESICS

CARBAPENEM

CARDIO CARE

MACROLIDES

AMINOGLYCOSIDES

FLUOROQUINOLONES

ANTI HISTAMINES

ANTI ULCERANT

ANTI MALARIALS