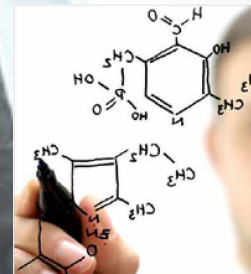
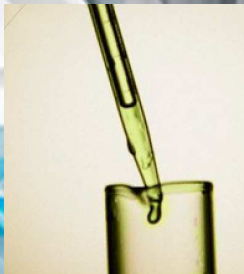




**interquim
Mexico**

COMPANY OVERVIEW





Interquim at a glance

HEADQUARTER & PLANT

Guillermo Marconi # 16
Parque Industrial Cuamatla
Cuautitlán Izcalli
CP 54730
Estado de México, México

30 minutes from
downtown Mexico City

1 hour from
International Airport Benito Juarez

WHO WE ARE



Interquim history

The origins

1984



- Interquim is established by Morosoli & Lara families focusing on the production of Vitamin B12 derivatives

New site

2001



- Relocation to the present site in 2001
- Increasing focus on the Vitamin B12 line with a construction of a dedicated plant in 2012
- Building of a small production plant in 2015

Today

- Leading niche position in B12 derivatives and small molecules
- Expanding to regulated markets
- Proactive approaches to the businesses
- Building of grams scale pilot lab and an IPCs lab
- Focusing in Custom Manufacturing & Partnership

WHO WE ARE



Interquim at a Glance

- We are a 100 % Mexican company with an international attitude. We have more than 30 years of experience in the production of APIs
- We are a team of professionals always keen to assist you on the development of your products providing all the needed scientific, technical and regulatory support.
- We are a leading manufacturer of active pharmaceutical ingredients (APIs), mostly off-patent, serving the domestic and export markets
- We are amongst the top players worldwide as independent producer /converter of Vitamin B12 and its derivatives and on specific products in the niche molecules market

WHO WE ARE



Interquim at a glance

Turnover \$ 15 million (FY 2015)

Employees 101 People

Plant Total area of 7000 sqm, of which 5000 sqm of plants

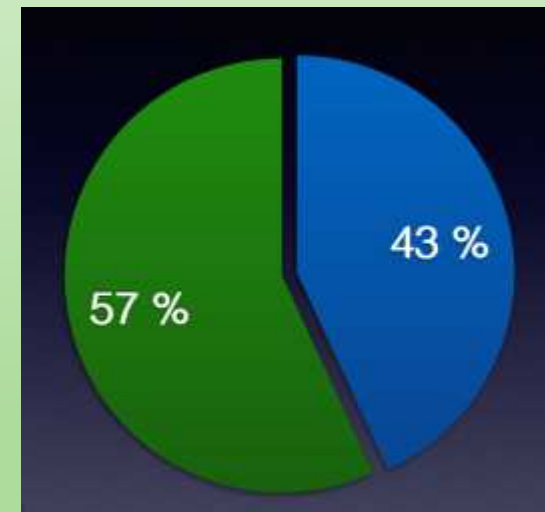
Sister Company MEGAFARMA SA DE CV



DOMESTIC VS EXPORT

EXPORT

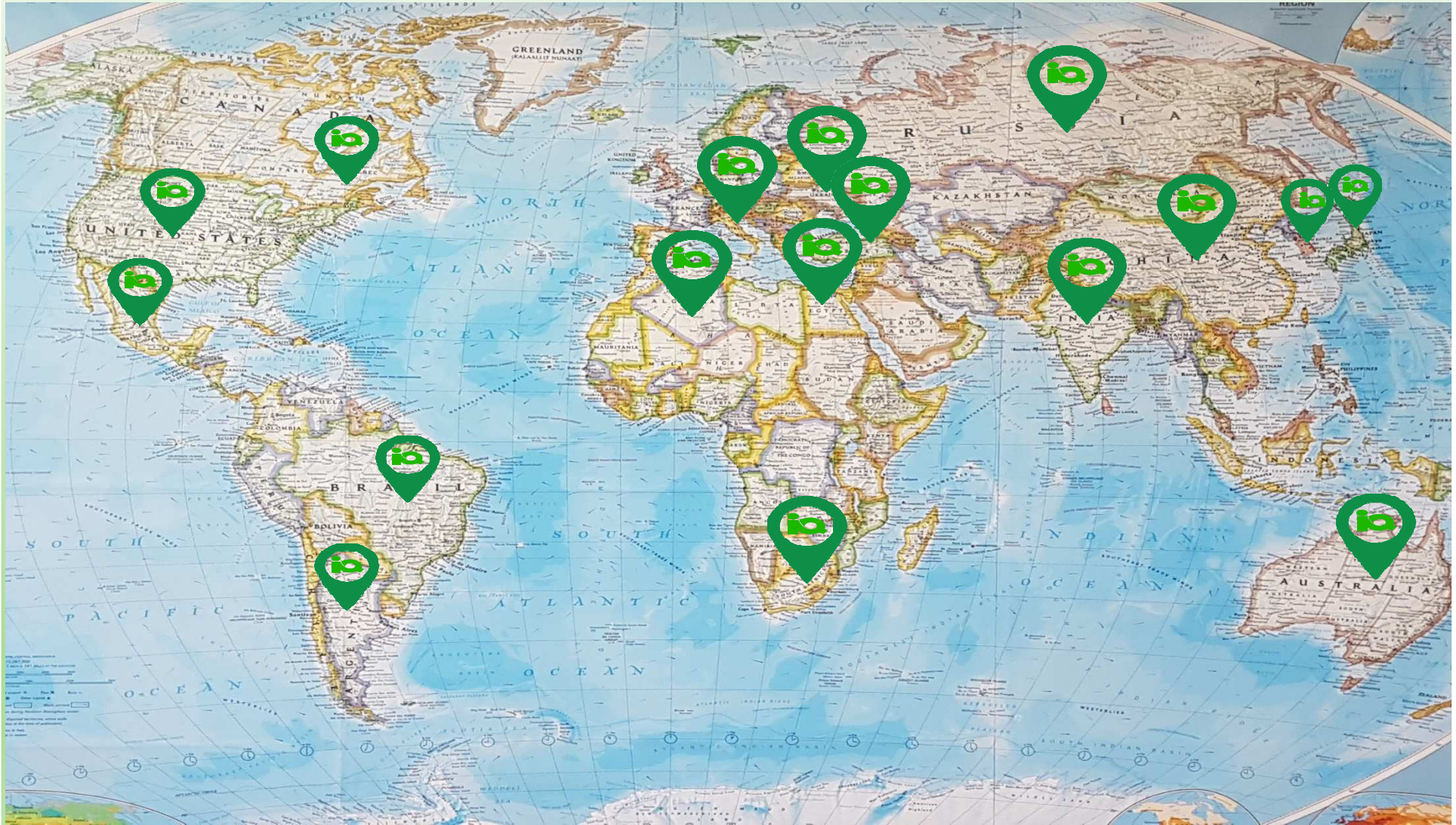
DOMESTIC



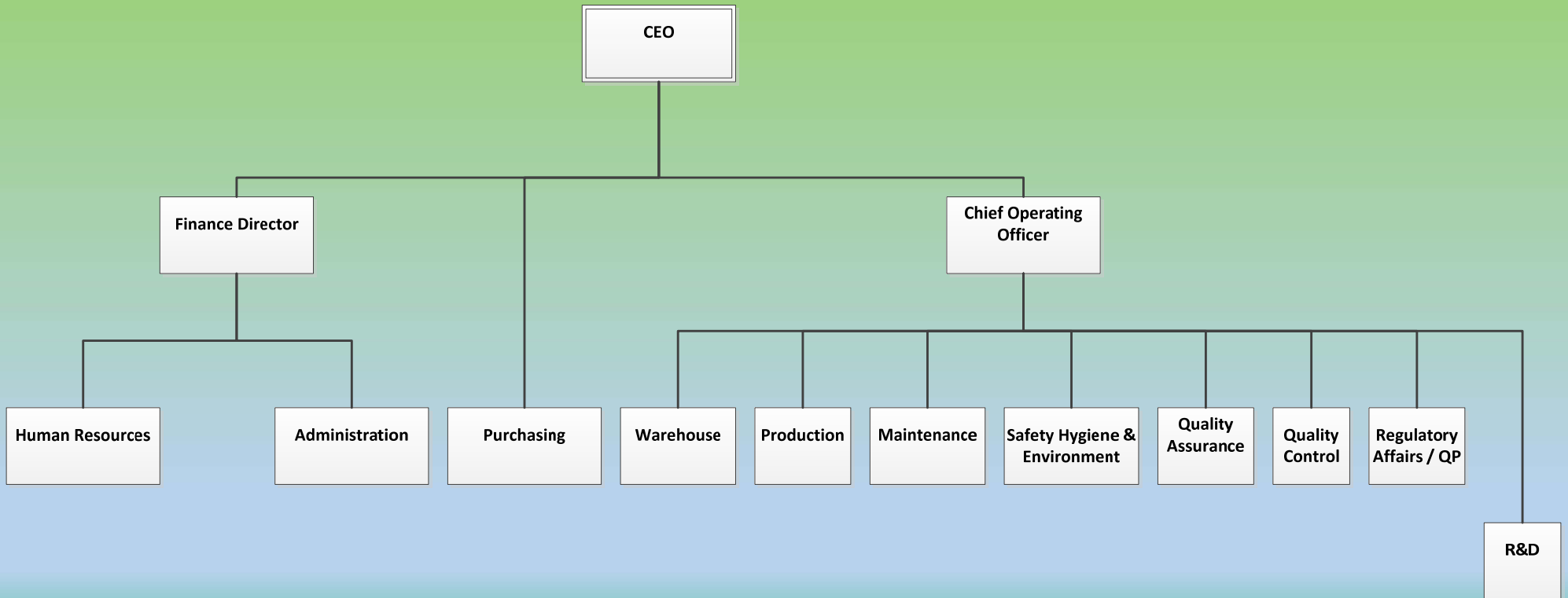
FEW NUMBERS



Sales



OUR MARKETS



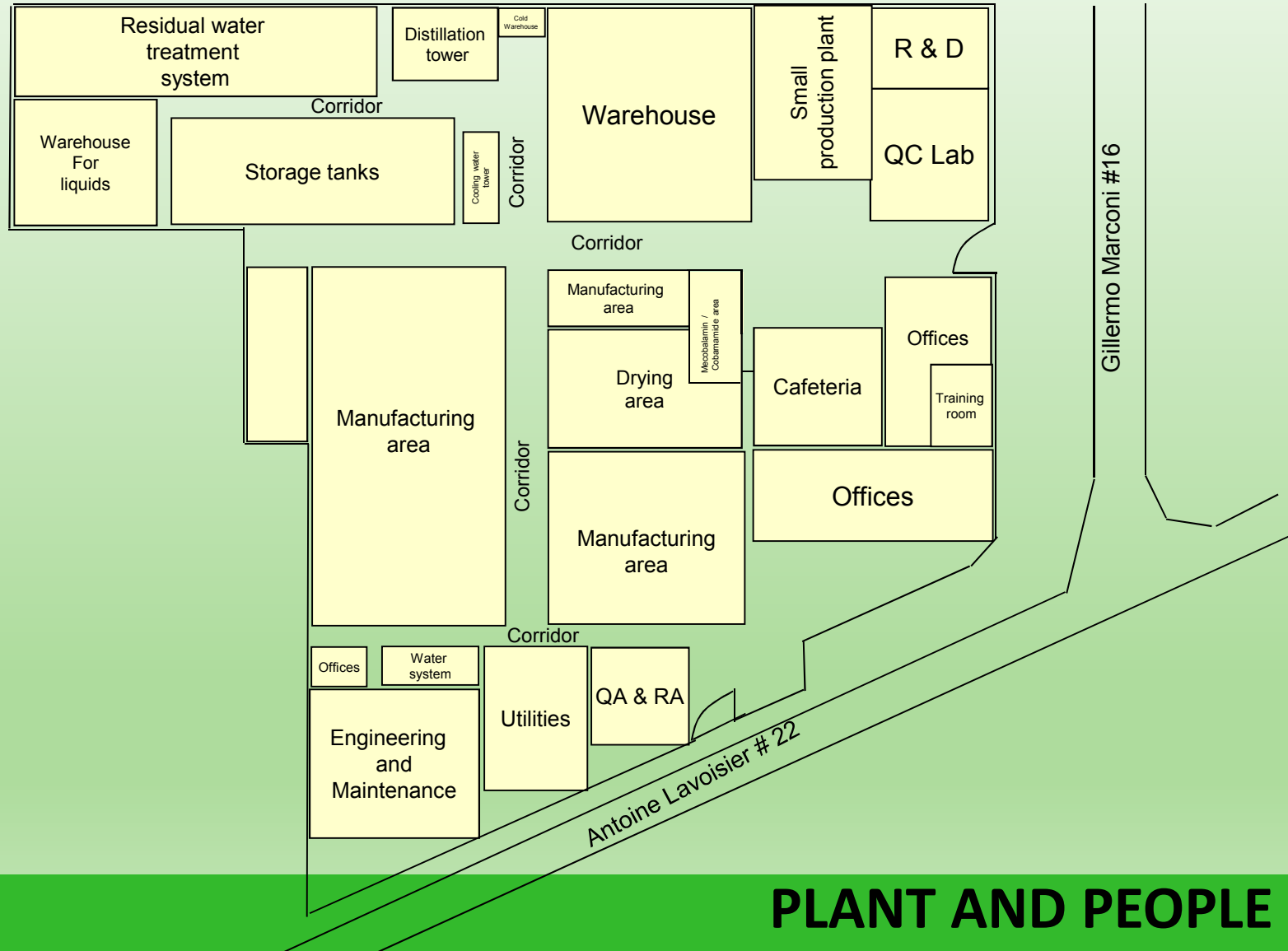


Total number of employees: 1 The team

- Production:**
- Quality Control:**
- Quality Assurance: 9**
- Warehouse: 4**
- Engineering & EHS: 1**
- R & D:**
- Purchasing : 3**
- Admistration :**



The site



PLANT AND PEOPLE



Production Units

Large volume



Multipurpose equipment

- 19 GL & SS reactors ranging from 800 L up to 8000 L, for a total volume of about 70 m³
- 7 Centrifuges
- 7 Static & Rotative dryers
- Blender, Siever, Mill
- Controlled area for finishing operations

PLANT AND PEOPLE



Production Units

Small scale



Multipurpose equipment

- 5 Glass reactors ranging from 1 L up to 50 L, for a total volume of about 1 m³
- 1 Rotavapor
- 2 Hydrogenators (5 L & 50 L)
- 1 Static dryers
- Blender
- Controlled area for finishing operations

PLANT AND PEOPLE



Vitamin B12 Derivatives



Multipurpose equipment

- 1 GL & SS reactors ranging from 200 L
- Static & Rotative dryers
- Blender, Siever, Mill
- Controlled area for finishing operations



Technologies & Capabilities

Bichromate

Exchange Chrom.

Formaldehyde

Heterog. Catalysts

High Temperature

Homog. Catalysts

Metal Hydrides

Organometallic Chemistry

PTC

Quaternarization

Saponification

Silylation

Smooth Peroxyacids

Stereochem.Inversion

Sulfoxydation

Thioalkylation

Tosylation

Transamination

Transesterification

Zinc Chloridelon

PLANT AND PEOPLE



Expertises

Acetylation

Acid Chlorides

Acylation

Alcoholysis

Alkoxylation

Alkylation

Amidation

Amination

Aromatization

Benzoylation

Condensation

Dealkylation

Debenzylation

Dehalogenation

Dehydration

Dehydrogenation

Demethylation

Epoxydation

Esterification

Etherification

Halogenation

Hydride Reductions

Hydrogenation

Hydrolysis

Hydroxylation

Mesylation

Metal Halogen Exchange

Oxidation

Oximation

Optical Resolution

2nd Optical Resolution

Peroxydation

PLANT AND PEOPLE



Quality Control Lab



Main activities

- Analytical Methods development
- Stabilities studies
- In Process Controls
- Raw Materials & APIs testing

Main equipment

- 5 HPLC
- 1 UPLC
- 3 GLC (headspace)
- 3 Stabilities chambers
- UV , IR, KF
- Atomic absorption spectrophotometer

Polarimeter, Melting point, Refractometer, Analytical balances , Vacuum oven, Thermohygrometer, Potentiometer, Conducti meter, Ultrasonic bath



R&D Lab



Main equipment

- Fully equipped Pilot plant with 3 Glass reactors of 1 L, 2 L, 3 L and 12 L
- 1 HPLC & 1 GLC
- Fully equipped working hoods

Main activities

- Patents Evaluation
- Process Research & Development
- Process Optimization
- Technical Transfer
- Process Industrialization
- Analytical Research
- Analytical Methods development
- Optimization & industrialization of custom synthesis



Services



PW production plant



Warehouse

PLANT AND PEOPLE



Latest Inspections

REGULATORY AGENCY	COUNTRY	AUDITING DATE
FDA	USA	JUNE 2015
MFDS	KOREA	OCTOBER 2015
COFEPRIS	MEXICO	MAY 2018

REGULATORY



Quality & GMPs

In order to fulfill worldwide Health Authorities as well as our customer's requirements, our activities are regulated and carried out in compliance with international guidance:

Main Guidances:

- Official Mexican Norm: NOM-164-SSA1-2015
- Good Manufacturing Practices for Drug Substances
- Good Manufacturing Practice Medicinal Products for Human and Veterinary use part II: requirements of API's for use as starting materials (ICH Q7A).



Certifications:

- COFEPRIS GMP
- FDA
- European Written Confirmation
- PMDA
- KFDA



REGULATORY



Commercial products

PRODUCT	SPECIFICATION	THERAPEUTIC CATEGORY
AMIKACIN SULFATE	EP	Antibacterial
ATIPAMEZOLE HYDROCHLORIDE	In House	Antidote to α_2 – adrenoceptor induced sedation
COBAMAMIDE	In House	Vitamin B12 derivative
CYANOCOBALAMIN 0.1% IN MANNITOL	In House	Vitamin B12 derivative
DETOMIDINE HCl	EP	Sedative, analgesic
DEXMEDETOMIDINE BASE	In House	Sedative, analgesic
DEXMEDETOMIDINE HCl	USP	Sedative, analgesic
DIACEREIN	EP	Antiarthritic
FOSFOMYCIN TROMETAMOL	EP, USP	Antibacterial (cystitis)
HYDROXOCOBALAMIN ACETATE	EP, BP	Vitamin B12 derivative
HYDROXOCOBALAMIN BASE	In House	Vitamin B12 derivative
HYDROXOCOBALAMIN CHLORIDE	EP, BP	Vitamin B12 derivative
HYDROXOCOBALAMIN SULFATE	EP, BP	Vitamin B12 derivative
MECOBALAMIN	JP	Vitamin B12 derivative
MEDETOMIDINE HYDROCHLORIDE	In House	Sedative, analgesic
RIFAXIMIN	EP, BP, In House	Antibacterial
SODIUM NITROPRUSSIATE	USP	Lowers blood pressure

PORTFOLIO



**interquim
Mexico**

Thanks!!!

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