

A laboratory setting with a pipette and test tubes. The background is a blurred laboratory scene with a pipette in the upper center and a rack of test tubes in the lower center. The overall color scheme is blue and white.

MIPHARM WORLD

#HEALTHFORWARD

**MIPHARM
WORLD**

**WE CREATE
HEALTH'S FUTURE
TODAY**

HEALTHFORWARD





#HEALTHFORWARD

OUR COMMITMENT IS TO BE THE IDEAL PARTNER FOR PHARMACEUTICAL, COSMETIC AND MEDICAL COMPANIES IN ENHANCING PEOPLE'S HEALTH AND WELL-BEING, ENSURING HIGH QUALITY STANDARDS, RELIABILITY AND FLEXIBILITY.

ETHICS, VALUE AND SUSTAINABILITY ARE THE DRIVING FORCES BEHIND OUR DEDICATION TO TECHNOLOGICAL INNOVATION AND THE ACTIVE INVOLVEMENT OF OUR STAFF IN THE COMPANY'S GROWTH.

ABOUT US



**MIPHARM
WORLD**

HEALTHFORWARD

MIPHARM WORLD



MIPHARM

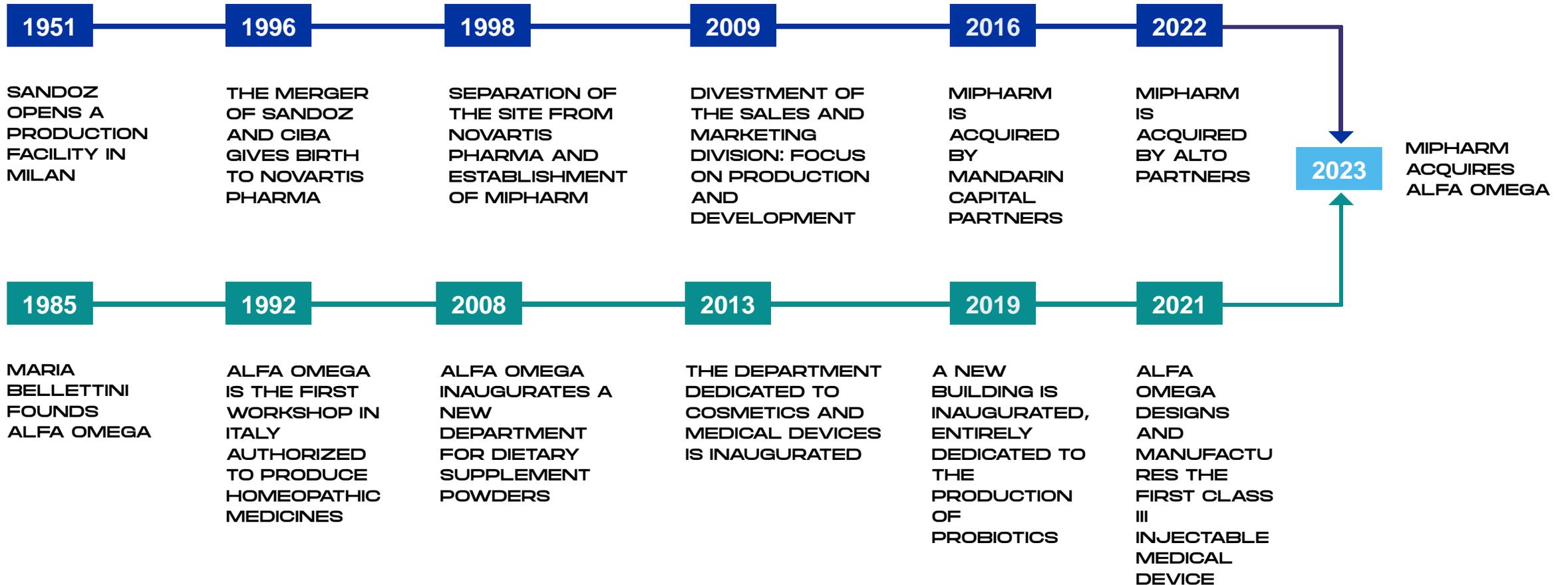
MIPHARM S.P.A., ESTABLISHED IN 1998, IS A SIGNIFICANT ITALIAN CDMO. HAVING DISTINGUISHED ITSELF WITH PRODUCTS FOR U.S. MARKET, IT HAS GAINED EXTENSIVE EXPERIENCE IN SERIALIZATION AND AGGREGATION, CONSOLIDATING ITS LEADERSHIP POSITION IN THE PHARMACEUTICAL SECTOR.



ALFA OMEGA

ALFA OMEGA, FOUNDED IN 1985, IS A LEADING COMPANY IN THE NUTRACEUTICAL AND HOMEOPATHIC ITALIAN SECTOR, EMPHASIZING THE SYNERGY BETWEEN TRADITIONAL MEDICINE AND THIS ALTERNATIVE APPROACH.

COMPANY TIMELINE



SOME OF OUR PARTNERS





OUR ESG JOURNEY



ENVIRONMENT

- MINIMIZATION OF GREENHOUSE GAS EMISSIONS.
- 100% USE OF RENEWABLE ENERGY SOURCES IN 2022 AND IMPLEMENTATION OF A TRIGENERATION PLANT
- REPLACEMENT OF LIGHTING WITH LED TECHNOLOGY AND BOILERS WITH MORE EFFICIENT SYSTEMS
- INSTALLATION OF SOLAR PANELS ON THE ROOFS OF COMPANY WAREHOUSES
- DUST FILTRATION AND ABATEMENT SYSTEM



SOCIAL

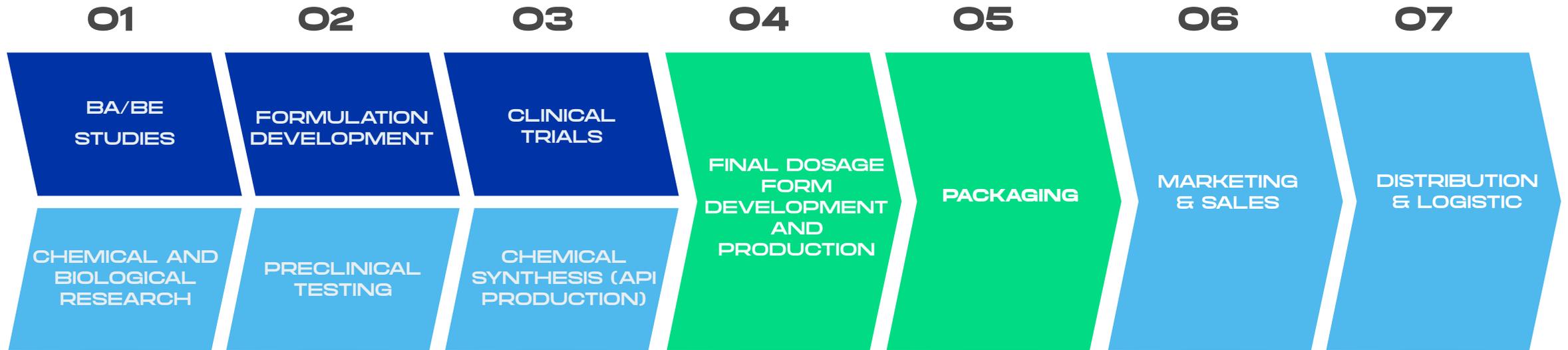
- PROMOTION OF A WORKPLACE BASED ON DIGNITY, HUMAN RIGHTS, AND EQUAL OPPORTUNITIES
- COMMITMENT TO THE PROFESSIONAL GROWTH OF EMPLOYEES THROUGH CONTINUOUS TRAINING
- UTMOST COMMITMENT TO MAINTAINING A WORK ENVIRONMENT CONDUCIVE TO THE WELL-BEING OF THE WORKERS
- PROMOTION OF A CULTURE OF PREVENTION



GOVERNANCE

- ADHERENCE TO LEGAL AND HIGH-QUALITY STANDARDS
- ESTABLISHMENT OF AN ESG COMMITTEE LED BY THE BOARD CHAIRMAN
- ADOPTION OF AN ORGANIZATION, MANAGEMENT, AND CONTROL MODEL IN ACCORDANCE WITH LEGISLATIVE DECREE 231/2001
- WHISTLEBLOWING REPORTING SYSTEM
- EMPLOYEE TRAINING AND AWARENESS ON ESG TOPICS

SUPPLY CHAIN POSITIONING



LEGEND:  MIPHARM'S SUPPORT ACTIVITY  MIPHARM'S FOCUS ACTIVITY

WHY CHOOSE MIPHARM WORLD AS A PARTNER?



QUALITY

MORE THAN 20% OF MIPHARM WORLD'S EMPLOYEES IS DEDICATED TO ENSURE THE QUALITY AND SAFETY OF EVERY PRODUCT AND COMPANY PROCESS



FLEXIBILITY

EVERY CLIENT HAS U N I Q U E REQUIREMENTS. THAT'S WHY WE OFFER ADAPTABLE SOLUTIONS, ENSURING SERVICES CAN BE TAILORED TO FIT ANY SPECIFIC D E M A N D SEAMLESSLY



INNOVATION & TECHNOLOGY

C O N T I N U O U S RESEARCH IN THE FORMULATION FIELD AND THE INTRODUCTION OF EFFICIENT AND TECHNOLOGICALLY A D V A N C E D EQUIPMENT



SERVICE LEVEL

WE GUARANTEE HIGH STANDARDS WHILE RESPECTING DELIVERY TIMES AND SUPPORTING CUSTOMER NEEDS



RELIABILITY & COMPETENCE

WE ENSURE THE PROTECTION OF INTELLECTUAL PROPERTY AND THE ACHIEVEMENT OF GOALS BY PROMOTING CONTINUOUS STAFF DEVELOPMENT



SUSTAINABILITY

WE ARE COMMITTED TO PRESERVING N A T U R A L RESOURCES AND R E D U C I N G ENVIRONMENTAL IMPACT BY MONITORING AND MANAGING UTILITIES WITH THE AIM OF IMPLEMENTING NEW TECHNOLOGICAL SOLUTIONS

MIPHARM

MIPHARM
WORLD

HEALTHFORWARD





BUSINESS AREAS



MANUFACTURING

A WIDE RANGE OF INNOVATIVE AND HIGH-QUALITY PRODUCTS AND PACKAGING, CAREFULLY DESIGNED AND CRAFTED TO EMBRACE THE CHALLENGE OF COMBINING THERAPEUTIC EFFECTIVENESS WITH EASE OF USE.



SERVICES

A BROAD ARRAY OF EXCLUSIVE, HIGH-LEVEL SERVICES THAT RANGE FROM RESEARCH AND DEVELOPMENT OF NEW PRODUCTS TO ANALYSES AIMED AT ENSURING CONSISTENTLY TOP-TIER QUALITY.

 MANUFACTURING

PRODUCTS

A WIDE RANGE OF
PHARMACEUTICAL
PRODUCTS FOR
COMPREHENSIVE
CARE

PHARMACEUTICAL FORMS

POWDERS AND GRANULES PACKAGED IN SACHETS

CAPSULES FILLED WITH POWDERS OR GRANULES OR PELLETS

TABLETS: TRADITIONAL, FILM-COATED AND SUGAR-COATED

THERAPEUTIC AREAS

- MUCOLYTICS (E.G. N-ACETYLCYSTEINE, CARBOCYSTEINE)
- NON-STEROIDAL ANTI-INFLAMMATORY DRUGS (E.G. NIMESULIDE, KETOPROFEN LYSINE SALT, POTASSIUM DICLOFENAC)

- ANTIHYPERTENSIVES (E.G. NIFEDIPINE, ISRADIPINE, NICARDIPINE)
- ANTIHISTAMINES (E.G. KETOTIFEN FUMARATE)
- ANTICHOLINERGICS (E.G. TRIMEBUTINE MALEATE)

- ANTIEPILEPTICS (E.G. CARBAMAZEPINE)
- NON-STEROIDAL ANTI-INFLAMMATORY DRUGS (E.G. PARACETAMOL, NIMESULIDE, IBUPROFEN)
- ANTIHISTAMINES (KETOTIFEN FUMARATE)
- ANTIHYPERTENSIVES (E.G. NICARDIPINE HYDROCHLORIDE)
- HYPNOTIC SEDATIVES (BENZODIAZEPINES E.G. TRIAZOLAM, LORAZEPAM)
- STEROIDAL ANTI-INFLAMMATORY DRUGS (E.G. PREDNISONE)

 MANUFACTURING

PRODUCTS

A WIDE RANGE OF
PHARMACEUTICAL
PRODUCTS FOR
COMPREHENSIVE
CARE

HEALTHFORWARD

PHARMACEUTICAL FORMS

LIQUIDS FOR INTERNAL USE AND NASAL SPRAYS

THERAPEUTIC AREAS

- POTENT STEROIDAL ANTI-INFLAMMATORY DRUGS (E.G. BUDESONIDE, BECLOMETASONE, FLUTICASONE, MOMETASONE FUROATE)
- ANTIDIURETIC HORMONE (DESMOPRESSIN ACETATE)
- ERGOT ALKALOIDS (E.G. DIHYDROERGOTAMINE MESYLATE)
- VITAMINS (E.G. CHOLECALCIFEROL)
- CHOLINERGIC SYSTEM DRUGS (E.G. CHOLINE ALFOSCERATE)
- HYPNOTIC SEDATIVES (BENZODIAZEPINES E.G. LORMETAZEPAM, BROMAZEPAM)
- ANTIPSYCHOTICS (E.G. CLOTIAPINE, PROMAZINE)
- ANTIHISTAMINES (E.G. DIMETINDENE MALEATE)

SUPPOSITORIES / OVULES

- LAXATIVES (E.G. GLYCEROL)
- PAIN RELIEVERS (E.G. PARACETAMOL, PROPYPHENAZONE)
- BARBITURATES (E.G. BUTALBITAL)
- ANTIFUNGALS (E.G. CICLOPIROXOLAMINE)

SEMISOLIDS: CREAMS / GELS / OINTMENTS

- ANTIBIOTICS AND ANTIVIRALS (E.G. GENTAMICIN SULPHATE, ACYCLOVIR)
- STEROIDAL ANTI-INFLAMMATORY DRUGS (E.G. BETAMETHASONE)
- ANTIFUNGALS (E.G. CICLOPIROXOLAMINE)



PACKAGING

- BLISTER (ALU-ALU, PVC-ALU, PVDC-ALU)
- VIALS
- BOTTLES
- TUBES
- STRIP (ALU/PE, ALU/ALU)
- SACHETS

R&D

- PREFORMULATION STUDIES AND DEVELOPMENT OF NEW FORMULATIONS
- PREPARATION OF LABORATORY BATCHES, PILOT BATCHES, AND SUBSEQUENT INDUSTRIAL SCALE-UP
- PREPARATION OF VALIDATION BATCHES
- OPTIMIZATION OF MANUFACTURING PROCESSES AND TROUBLESHOOTING
- PREPARATION OF TECHNICAL PART OF DOSSIER FOR HEALTH AUTHORITY REGISTRATION



HEALTHFORWARD

TRIAL LOGISTIC

- MANAGEMENT OF THE ENTIRE LOGISTIC CHAIN
- PREPARATION OF THE ACTIVE PRODUCT AND THE PLACEBO
- ANALYTICAL TESTS ON ACTIVE IMPS AND PLACEBO
- PACKAGING OF IMPS FOR RANDOMIZED SINGLE-BLIND OR DOUBLE-BLIND STUDIES
- COLLECTION AND DISPOSAL OF UNUSED MATERIALS AT CLINICAL CENTERS

AN OFFERING DESIGNED TO ADDRESS THE MOST COMPLEX CHALLENGES IN CLINICAL RESEARCH



CERTIFICATIONS

A COMMITMENT TO QUALITY THAT GROWS EVERYDAY

- AIFA - ITALIA: JAN 23-25, 2018 (RELATED TO NEW IMP AUTHORIZATION)
- AIFA - ITALIA: OCT 14-17, 2019
- THE MINISTRY OF HEALTH OF THE RUSSIAN FEDERATION - RUSSIA: APRIL 6-9, 2021
- FDA - USA: SEPT 18-22, 2023 (RELATED TO NASAL SPRAY, SACHET AND SOLID FORM PACKED IN BOTTLES)



SERIALIZATION

DEFINITION AND PURPOSE

IT INVOLVES THE CONVERSION OF A PRODUCT INTO A STREAM OF BYTES, USING UNIQUE CODES AND SERIAL NUMBERS, TO ENSURE TRACEABILITY ALONG THE PRODUCTION AND DISTRIBUTION CHAIN.

METHODS AND IMPLEMENTATION

THE PROCESS IS ACHIEVED THROUGH THREE LEVELS: DATA MATRIX CODES ON EACH PACKAGE, THE ADDITION OF A SERIAL NUMBER FOR EACH SALES UNIT, AND AGGREGATION WITH ADDITIONAL CODES FOR LARGER PACKAGING. IT REQUIRES ADJUSTMENTS TO PRODUCTION LINES AND INVESTMENTS IN NEW TECHNOLOGIES.

FUTURE IN THE MARKET

IT REPRESENTS A SIGNIFICANT STEP IN THE PHARMACEUTICAL INDUSTRY, WITH PLANNED REGULATIONS IN VARIOUS COUNTRIES. WE WERE AMONG THE FIRST ITALIAN COMPANIES TO ADOPT THIS PROCESS, WITH ONGOING PROJECTS TO FURTHER EXPAND IMPLEMENTATION INTO NEW MARKETS.

AGGREGATION

DEFINITION AND PURPOSE

AN ADVANCED LEVEL OF TRACEABILITY THAT INVOLVES THE IDENTIFICATION OF PACKAGING BOXES AND PALLETS WITH AN ADDITIONAL SERIAL CODE.

METHODS AND IMPLEMENTATION

THIS IS A PHASE THAT GOES BEYOND SIMPLE SERIALIZATION, CONNECTING SALES UNITS TO THEIR LARGER PACKAGING THROUGH AN INTEGRATED CODE SYSTEM. AGGREGATION IS PART OF THE REQUIRED ADJUSTMENT PROCESS TO ENSURE FULL TRACEABILITY OF PHARMACEUTICAL PRODUCTS.

FUTURE IN THE MARKET

WE ARE ONE OF THE COMPANIES THAT HAS ALREADY INITIATED THE ADJUSTMENT PROCESS, IMPLEMENTING AGGREGATION FOR THE U.S., CHINESE AND RUSSIAN MARKET. WE HAVE FUTURE PLANS TO EXPAND THIS PRACTICE, IN LINE WITH GLOBAL TRENDS IN THE PHARMACEUTICAL INDUSTRY, WHICH DEMAND INCREASINGLY PRECISE AND COMPLEX TRACEABILITY.

ALFA OMEGA

MIPHARM
WORLD

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BUSINESS AREAS



MANUFACTURING

A WIDE SELECTION OF HIGH-QUALITY PRODUCTS, INCLUDING HOMEOPATHIC PRODUCTS, FOOD SUPPLEMENTS, COSMETICS AND MEDICAL DEVICES FOR COMPREHENSIVE PERSONAL WELL-BEING.



SERVICES

A BROAD RANGE OF EXCLUSIVE AND HIGH-LEVEL SERVICES THAT ENCOMPASS RESEARCH AND DEVELOPMENT OF NEW SOLUTIONS AND TARGETED ANALYSES TO ENSURE MAXIMUM QUALITY.

PRODUCTS

A COMPREHENSIVE
SELECTION OF
PRODUCTS TO CARE
EVERY ASPECT OF
LIFE

PRODUCT CATEGORY

FOOD SUPPLEMENTS

PRODUCT FORMS

- TABLETS: TRADITIONAL, MODIFIED RELEASE, ACID-RESISTANT, FILM COATED, DOUBLE/TRIPLE LAYER, CHEWABLE
- CAPSULES: TRADITIONAL, VEGETABLE-BASED, ACID-RESISTANT, FILLED WITH MICROGRANULES
- LIQUIDS
- GELS
- POWDERS

COMPLEMENTARY ANIMAL FEED AND PREMIXES

- POWDERS
- LIQUIDS
- TRADITIONAL TABLETS AND CHEWABLE

COSMETICS

- CREAMS
- GELS

PRODUCTS

A COMPREHENSIVE
SELECTION OF
PRODUCTS TO CARE
EVERY ASPECT OF
LIFE

PRODUCT CATEGORY

MEDICAL DEVICES

PRODUCT FORMS

- SOLUTIONS
- NASAL SPRAYS
- VAGINAL DOUCHES
- SUPPOSITORIES
- OVULES
- INJECTABLE (MEDICAL DEVICE CLASSIFICATION III)

HOMEOPATHIC MEDICINES

- LIQUIDS FOR INTERNAL USE
- IMPREGNATED MICROGRANULES
- SINGLE-DOSE VIALS
- RAW MATERIALS OF PLANT ORIGIN (MOTHER TINCTURES, GLYCERINATED MACERATES) AND ORGANIC ORIGIN (NOSODES AND ORGANS)



PACKAGING

- BLISTER (PVC-ALU, PVDC-ALU)
- SACHETS
- STICK PACK (PET-ALU-PE)
- BOTTLES
- JARS
- PILL CONTAINERS
- VIALS
- SINGLE-DOSE VIALS
- TUBULAR GRANULES
- NON PRESSURIZED SPRAY
- DISPENSER
- BOTTLES WITH OR WITHOUT DOSING CAP



R&D

- **FOOD SUPPLEMENTS**
- **COMPLEMENTARY ANIMAL FEED AND PREMIXES**
- **COSMETICS**
- **MEDICAL DEVICES**
- **HOMEOPATHIC MEDICINES**

QUALITY AND COMPLIANCE

- REGULATORY CONSULTING
- REGULATORY TECHNICAL-SCIENTIFIC ASSISTANCE
- QUALITY CONTROLS
- ANALYTICAL SERVICES
- STABILITY STUDIES



CERTIFICATIONS

A COMMITMENT TO QUALITY IN CONSTANT EVOLUTION

- **AUTHORIZATION FOR THE PRODUCTION OF HUMAN AND VETERINARY FOOD SUPPLEMENTS, 2003**
- **UNI EN ISO 9001:2015, 2019**
- **UNI CEI EN ISO 13485:2016, 2020**
- **ORGANIC CERTIFICATION REG. CE 834/07, 2020**
- **AUTHORIZATION ISSUED BY AIFA FOR THE PRODUCTION OF HOMEOPATHIC MEDICINES, 2023**



QUALITY HOMEOPATHIC RAW MATERIALS

REGULATION AND PREPARATION

THE PREPARATION OF HOMEOPATHIC MEDICINES BY ALFA OMEGA STRICTLY FOLLOWS EUROPEAN UNION RULES, REFERRING TO SPECIFIC PHARMACOPOEIA MONOGRAPHS.

SELF-SUFFICIENCY AND QUALITY

ALFA OMEGA IS ONE OF THE FEW ITALIAN COMPANIES TO BE FULLY "SELF-SUFFICIENT" FROM A PRODUCTION STANDPOINT AND IS CAPABLE OF OFFERING A WIDE RANGE OF QUALITY RAW MATERIALS, WITH CHOICES INCLUDING MOTHER TINCTURES, GLYCERIN MACERATES, NOSODES, ORGANS, LITHOTHERAPEUTICS, CHEMICALS, IMMUNOLOGICALS, ALLERGENS, ANIMALS AND VENOMS.

SUPPORT AND INNOVATION

THE ALFA OMEGA'S TEAM GUIDES THE CUSTOMER THROUGH THE PRODUCT DEVELOPMENT PROCESS, FROM FORMULATION TO REGISTRATION, WITH A FOCUS ON THE SEARCH FOR INNOVATIVE RAW MATERIALS AND RIGOROUS EVALUATIONS OF TECHNICAL AND SAFETY PROFILES.

STERILE INJECTABLES DEPARTMENT

REGULATION AND PREPARATION

ALFA OMEGA'S DEPARTMENT FOCUSES ON STERILE INJECTABLES IN SMALL-VOLUME VIALS (CLASS III MEDICAL DEVICES). THE TEV ANTI DEVICE, FOR JOINT PATHOLOGIES, IS CE MARKED FOR MDD.

SELF-SUFFICIENCY AND QUALITY

THE DEPARTMENT BOASTS ADVANCED TECHNOLOGY, INCLUDING A SPECIALIZED FILLER FOR GLASS VIALS AND AN EFFECTIVE AUTOCLAVE FOR STEAM STERILIZATION. THESE TOOLS GUARANTEE EFFICIENT AND QUALITY PROCESSES. NOTABLY, ALFA OMEGA IS PROUDLY ISO 13485 CERTIFIED.

SUPPORT AND INNOVATION

ENSURING PRODUCT STERILITY IS A PRIORITY, WITH IN-HOUSE ANALYSES CONDUCTED IN A DEDICATED FACILITY. AS THE COMPANY PROGRESSES, IT'S ACTIVELY PURSUING THE CE MARKING UNDER THE NEW MDR, UNDERLINING ITS COMMITMENT TO COMPREHENSIVE PRODUCT CLINICAL STUDIES.

VISION



**MIPHARM
WORLD**

HEALTHFORWARD

TO PURSUE EXCELLENCE IN THE INTEREST OF THE PATIENT, THROUGH AN ETHICAL AND RESPONSIBLE APPROACH THAT ENSURES SUSTAINABILITY, A POSITIVE IMPACT ON SOCIETY AND ENVIRONMENT, A FAIR AND STIMULATING WORKPLACE AND AN APPROPRIATE RETURN ON INVESTMENT FOR SHAREHOLDERS.



WE INVEST IN
INNOVATION AND
CUTTING-EDGE
TECHNOLOGIES



WE IMPROVE THE
QUALITY OF LIFE WITH
SAFE, EFFECTIVE, AND
AFFORDABLE
MEDICATIONS



WE AIM FOR
EXCELLENCE AND
PROVIDE PERSONALIZED
CARE

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**LET'S CREATE
THE FUTURE
TOGETHER**

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