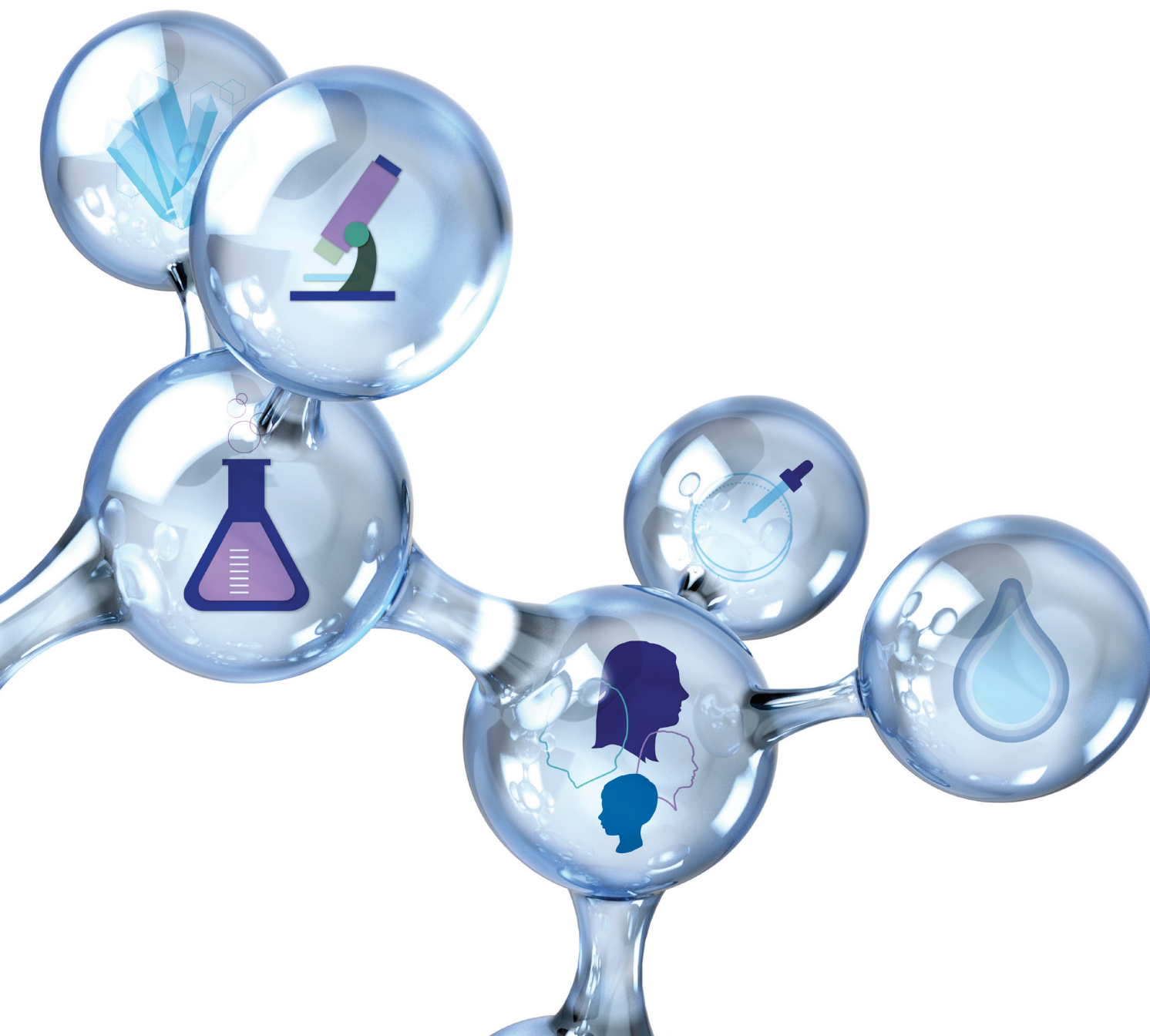




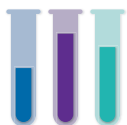
Catalent[®]
DEVELOPMENT SOLUTIONS

your molecule has
so much potential.
our passion for early development
can help you unlock it.

INTEGRATED SOLUTIONS TO ACCELERATE, DE-RISK & SIMPLIFY YOUR DEVELOPMENT PATH



accelerated development. best technologies. customized solutions.



SCIENTIFIC ADVISORY & DEVELOPABILITY ASSESSMENT

Catalent's advisors provide Comprehensive Molecule Developability Assessments, including:

PBPK MODELLING:

Beyond Solubility: Identifies molecule liabilities affecting oral bioavailability

FORMULATION TECHNOLOGY SELECTION:

Recommends tailored strategies to address key development challenges.



PREFORMULATION SCREENING

Catalent provides preformulation screening and physiochemical characterisation to assess key properties of your molecule early.

Our process identifies:

SOLUBILITY CHALLENGE

STABILITY CHALLENGE

BIOAVAILABILITY CHALLENGE

By addressing these early, we minimize costly delays, reduce risk and accelerate clinical trials.



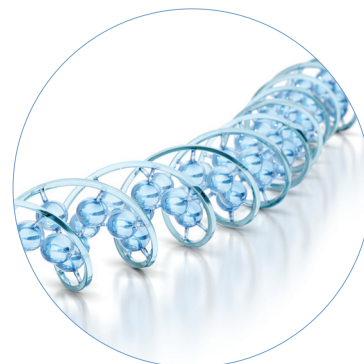
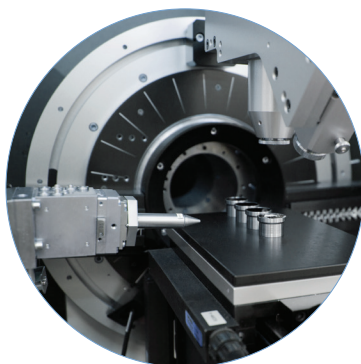
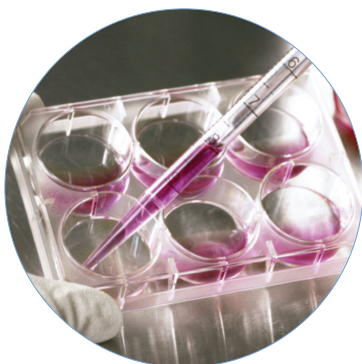
BIOAVAILABILITY ENHANCEMENT

Catalent has specialized expertise and technologies dedicated to solving complex bioavailability challenges.

LIPID-BASED FORMULATIONS

AMORPHOUS DISPERSIONS

MICRONIZATION



With our successful track record optimizing thousands of molecules, deep development expertise and broadest set of superior technologies we can help accelerate your molecules to the next phase of development faster. Whether you are looking for a single solution or integrated services, we offer tailored solutions to fit your needs.



FORMULATION DEVELOPMENT

We help solve all your formulation challenges with our wide array of proven and innovative technologies to enhance solubility, scalability and ability to manufacture. We provide full range of formulated study supplies and services:

PRE-CLINICAL (PK & GLP TOXICITY)

**PROTOTYPE FORMULATION
SCREENING STUDIES**

FIRST-IN-HUMAN STUDIES

**PHASE I - PHASE III CLINICAL TRIAL
MATERIALS SUPPORT**

**FORMULATION/PROCESS
OPTIMIZATION**

POTENT HANDLING

SCALE-UP/TECHNOLOGY TRANSFER

COMMERCIAL MANUFACTURING

**DEDICATED SCIENTIFIC ADVISORY
TEAM**



ANALYTICAL SERVICES

Catalent offers a broad array of analytical services to support rapid product development, including:

STABILITY TESTING & STORAGE

MICROBIOLOGY TESTING

COMPENDIAL SERVICES

**METHOD DEVELOPMENT &
VALIDATION**



DOSE DESIGN

Work with our scientific advisory team to strategically design drug development with extensive experience for broad selection of dose forms to match the ideal dose design with your drug development endpoints to help you fully optimize your molecule's potential to create patient accepted and commercially successful treatments.

TABLETS & CAPSULES

RP SCHERER SOFTGEL

OPTISHELL® TECHNOLOGY

OPTIGEL® DR TECHNOLOGY

**OPTIGEL® BIO & ZYDIS® BIO FOR
MACROMOLECULE ORAL DELIVERY**

ZYDIS® FAST DISSOLVE TABLET

STICK PACK

LIQUID-IN-BOTTLE

LIQUID FILLED HARD CAPSULES

STATE-OF-THE-ART INTEGRATED FACILITIES:

BOSTON, US	BUENOS AIRES, AR	SWINDON, UK
GREENVILLE, US	INDAIATUBA, BR	BEINHEIM, FR
KANSAS CITY, US	SOROCABA, BR	APRILIA, IT
MALVERN, US	STRATHROY, CA	EBERBACH, DE
SAN DIEGO, US	WINDSOR, CA	SCHORNDORF, DE
ST. PETERSBURG, US	DARTFORD, UK	KAKEGAWA, JP
WINCHESTER, US	NOTTINGHAM, UK	

ABOUT CATALENT

Catalent, Inc. is a leading global contract development and manufacturing organization (CDMO) whose mission is to develop, manufacture, and supply products that help people live better and healthier lives. Catalent is dedicated to delivering unparalleled service to pharma, biotech, and consumer health customers, supporting product development, launch, and full life-cycle supply. With time-tested experience in development sciences, delivery technologies, and multi-modality manufacturing, Catalent supports the acceleration of development programs and the launch of more than a hundred new products every year. Powered by thousands of scientists and technicians and the latest technology platforms at more than 40 global sites, Catalent supplies billions of doses of life-enhancing and life-saving treatments for patients annually.

Catalent, Inc.

more products.
better treatments.
reliably supplied.™

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