

Pharmaceutical services

Orally inhaled and nasal drug product development

Over 35 years of experience in supporting the development of OINDPs, and clinical trial materials manufacturing

[intertek.com/inhalation](https://www.intertek.com/inhalation)





Over 35 years' experience in OINDP development services

- Pressurised Metered Dose Inhalers (pMDI)
- Nasal Sprays (aqueous, powder, and propellant driven)
- Dry Powder Inhalers (DPI)
- Nebulizer (Solutions and Suspensions)
- Soft Mist Inhalers
- Aerosol Based Healthcare and Cosmetic Products

Helping you bring well-performing & effective medicines to market at pace

Your Trusted Partner for Orally Inhaled and Nasal Drug Development

With over 35 years' experience working in the respiratory space, our scientists have supported the development of novel and generic orally inhaled and nasal drug products for businesses all over the world.

As an independent product developer, holding no IP, Intertek collaborates with clients to tailor products using the best device and formulation technologies available. Our expertise includes:

- **Formulation Development:** Crafting optimised strategies for inhaled and nasal product formulations.
- **Performance Testing:** Rigorous evaluation of product efficacy and delivery.
- **Clinical Manufacturing:** End-to-end solutions for clinical supply needs.
- **Enabling Regulatory Support:** Extensive CMC lab services for NDA and ANDA submissions.

Our Centre of Excellence is inspected and approved by the UK Medicines & Healthcare Products Regulatory Agency (MHRA) for GMP compliance. The laboratory has also successfully passed inspections by the US Food and Drug Administration (FDA) against GMP as part of clients' pre-approval inspections.

Our highly skilled team works with all major inhalation and nasal delivery systems, supporting both small and large molecule modalities. We pride ourselves on delivering tailored solutions that enhance drug efficacy, safety, and compliance with regulatory expectations.

Intertek is your trusted partner to bring effective inhaled therapies to market quickly and efficiently. Let us help you navigate the complexities of inhalation drug development, ensuring quality and performance at every stage.

Largest dedicated contract OINDP development team



Unique world-leading respiratory biologic capabilities



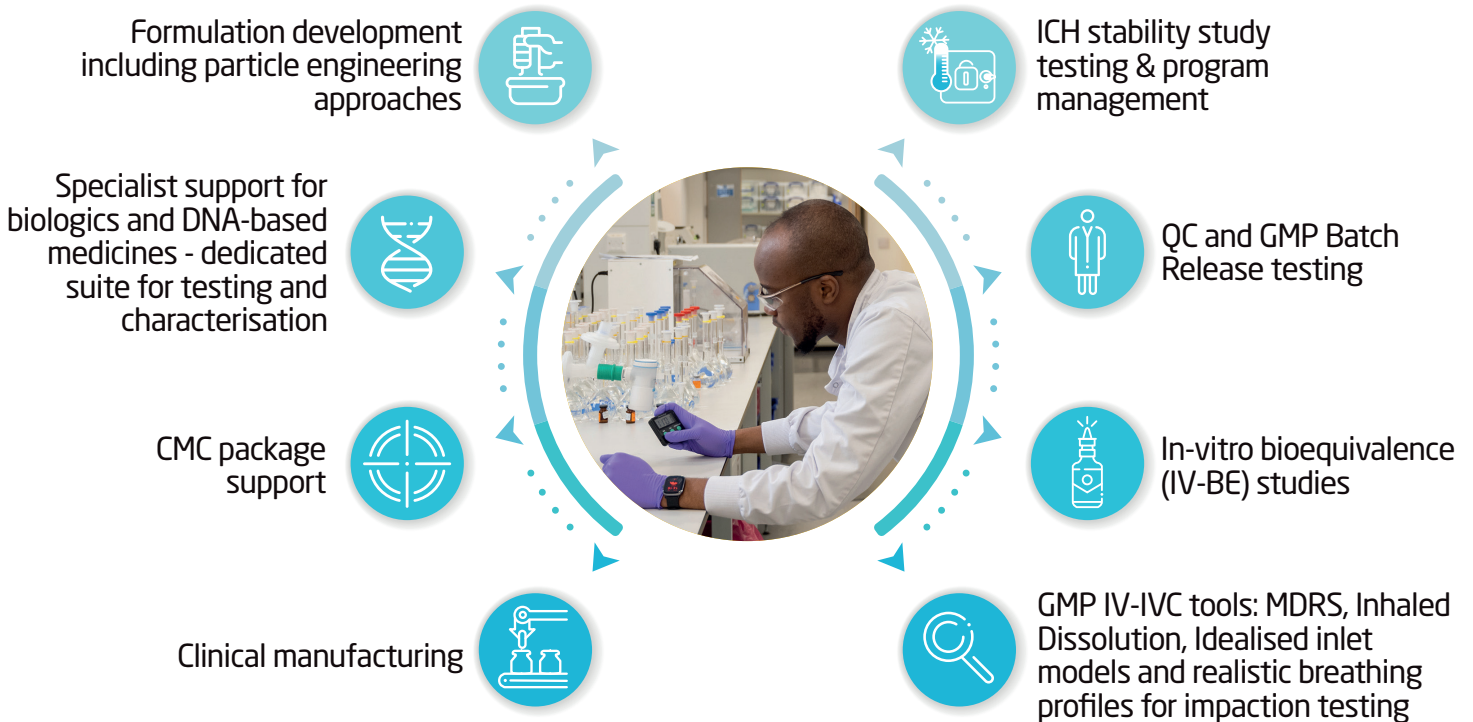
Independent device selection and optimisation



CMC and product characterisation support

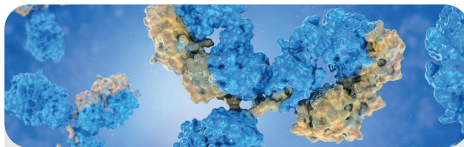


Driving your success



Fast to Clinic Formulation Platform for DPIs

We offer a "Fast to Clinic" platform for inhaled medicines, particularly DPIs, incorporating unique proprietary 'mSAS®' (modified Supercritical Anti-Solvent) drug formulation technology from CrystecPharma. This enables precision particle engineering of both small and large molecule drugs, including combination therapy, for optimised lung delivery and enhanced therapeutic performance.



Specialist Support for Inhaled Biologics

At our Intertek Centre of Excellence for Inhaled Biologics, we offer comprehensive services for the characterisation and development of inhaled biologics and nucleotide-based therapeutics or vaccines. Our approach integrates advanced formulation strategies, precise device selection, and cutting-edge analytical tools to ensure stable, efficacious and scalable drug products.



Accelerating Transition to Low-GWP pMDIs

The transition to low-GWP propellants in pMDIs requires advanced analytical techniques to ensure product safety, including extractables, leachables, and nitrosamine assessment. Optimising formulation components and employing comprehensive analysis enables successful reformulation while maintaining patient safety and regulatory compliance.



ICH Stability Study Testing and Program Management

One of Europe's largest, dedicated GMP stability storage facilities allows us to manage all aspects of stability study requirements at every stage of a product's development, from early preclinical to commercial batch stability.



Clinical Trial Materials Manufacturing Services

We have extensive experience in clinical manufacturing services for inhaled and nasal drug products, helping you navigate the complexities of developing pharmaceuticals and biologics for lung or nasal delivery. Our GMP-compliant solutions ensure a reliable supply of investigational medicinal products or investigational new drugs for clinical trials worldwide.

World-class drug development and testing expertise.

Discover more:
[intertek.com/inhalation](https://www.intertek.com/inhalation)







CAMBRIDGE, UK

Two days of cutting-edge talks
& networking opportunities
with leaders in this complex area of inhaled
medication and inhaled vaccine development.

Scan the QR to find out more:



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