science on demand

BUTTERWORTH
LABORATORIES

Run by scientists, for scientists

We mix highly qualified, experienced analysts with cutting-edge technology, add in market leading quality systems and first class customer service to create a contract laboratory that meets the exacting demands of our clients.

Our flexibility and broad range of analytical techniques enable you to enjoy all the benefits and value savings of a contract laboratory whilst allowing you to retain control of your supply chain.

BUTTERWORTH LABORATORIES

VISION

Pursuing excellence through collaboration... professionally.

For us, our Values are not just words on a website – we encourage all our employees to channel their work and actions to meet these standards so that the company as a whole reflects the Values.

MISSION STATEMENT

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The Vision of the Directors which drives our day-to-day mission is:

"To continue to be a rewarding place to work as the first choice UK laboratory for quality analytical chemistry in the pharmaceutical and related industries"

Our Mission Statement defines how we, on a day-to-day basis, aim to achieve the goal set out in our Vision:

"To provide excellence in contract analytical chemistry through our core values, talented people, dedication and expertise"

BUTTERWORTH LABORATORIES

INDUSTRIES SUPPORTED

Having been established as a contract analytical chemistry laboratory for nearly 50 years, working for various industrial sectors, our staff have accumulated an extensive array and depth of knowledge in applications and techniques that can be shared between industries.

Our key focus however, is on those companies that are in or serve the Healthcare and Life Sciences sectors.

- PHARMACEUTICALS
- BIOPHARMACEUTICALS
- MEDICAL DEVICES
- HEALTH & BEAUTY
- CHEMICALS
- VETERINARY

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SERVICES

We are considered leaders in the chemical analysis of raw materials, both excipients and active pharmaceutical ingredients (APIs), as well as finished products to international pharmacopoeial specifications in accordance with cGMP.

With the majority of our work focused on ensuring the quality in the production and manufacture of medicinal products, our analysts perform every task to meet the requirements of the various Regulatory Authorities. Consequently, we are confident that all of our services are performed to the highest quality standards.

Our analysts transfer these same skills, knowledge and high quality standards to the complete range of industries we support.

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BUTTERWORTH

QUALITY CONTROL

QUALITY CONTROL

Quality Control testing should be involved at each step of the manufacturing process, starting with the raw materials, including in-line process samples and concluding with finished products, ensuring specifications are met at each stage.

By its nature, Quality Control needs to be accurate and completed in a timely and reliable manner.

The diverse range of techniques with the highly experienced staff at Butterworth allow you to receive a comprehensive Quality Control (QC) testing service. Techniques employed range from classical gravimetric and titrimetric analysis, to the cutting edge instrumentation for chromatography and atomic spectroscopy.

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PROJECTS

PROJECTS

We have a long history of expertise in the fields of Method Development, Validation, Transfer Validation and Verification. We recognize how important this service is and so have established a dedicated Projects department to perform this innovative work.

Our Projects Team is committed to working with you to ensure that the best approach is taken with any given request; that we meet the needs of any internal and/or regulatory requirements, whilst working in accordance with the current ICH guidelines, where applicable.

We have extensive experience in developing methods for testing drug products, APIs and excipients for the Pharmaceutical Industry, and can apply these same skills to many other applications, so please do get in touch to discuss your needs.

- METHOD DEVELOPMENT
- METHOD VALIDATION
- METHOD TRANSFER
- SPECIALIST SERVICES

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TECHNIQUES

- CLASSICAL CHEMISTRY
- CHROMATOGRAPHY
- ATOMIC SPECTROSCOPY
- MOLECULAR SPECTROSCOPY
- ELEMENTAL MICROANALYSIS
- PHYSICAL CHEMISTRY

By combining a comprehensive range of instrumental techniques and classical wet chemistry, we provide the security of a productive blend of experience, flexibility and business awareness, bound together in an established and highly rated quality system.

Chromatography:

GC-MS
GC-HS
GC
LCMS
HPLC
UPLC
IC

Atomic Spectroscopy:

ICP-MS-MS, ICP-MS
ICP-OES
AAS

Molecular Spectroscopy:

FTIR
UV/Vis

Elemental Microanalysis:

CHN

Classical Chemistry:

Titrimetry
Potentiometry
Gravimetry
Colorimetry

Physical Chemistry:

Viscosity
Dissolution
Disintegration
Refractive Index
Optical Rotation
Sieve Analysis
Sub-visible Particle Counting
TOC
DSC
Calorimetry
Osmolality
Freezing Point
Melting Point
Distillation Range
Paramagnetic (Gas) Analyser
Coulometry

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BUTTERWORTH LABORATORIES

APPLICATIONS

With over 45 years experience in contract analytical chemistry, Butterworth has accumulated a considerable depth of knowledge in specific areas of analysis.

- ELEMENTAL IMPURITIES
- ORGANIC VOLATILE IMPURITIES
- GENOTOXIC IMPURITIES
- ETHYLENE OXIDE RESIDUES
- CLEANING VALIDATIONS
- NINHYDRIN POSITIVE SUBSTANCES
- RESIDUAL OXYGEN IN MAP
- OZONE DEPLETING SUBSTANCES

Staff are encouraged to share their knowledge and expertise in the form of published White Papers.

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BUTTERWORTH LABORATORIES

Our Quality System combines all the requirements of the GMP, GLP, GCP and ISO17025 standards into a single Quality Manual:

QUALITY ASSURANCE

UKAS TESTING
0215
Accredited to ISO/IEC 17025:2017

UKAS Accreditation
UKAS Accredited to BSENISO 17025 (Laboratory No. 0215)

MHRA
Regulating Medicines and Medical Devices

MHRA Inspected
GMP Compliant Contract Laboratory
(Cert No: 14849/5712-0006)
GLP Compliant for Analytical/Clinical Chemistry -
Physical/Chemical Testing
GCP Accepted

FDA

FDA Inspected
Compliance with cGMP regulations 21 CFR 210 & 211 that apply to laboratories (FEI: 3002806533)

Throughout our history, Butterworth has provided the highest levels of service and met the highly regulated and ever changing requirements of the industries we work with. Our Quality Policy underpins our commitment to quality, reliability and confidentiality in Analytical Chemistry and Consultancy.

The policy is led and championed by the senior management team which is committed to ongoing compliance with current quality requirements including, GMP, GLP, GCP and ISO 17025, and to ensuring continual improvement throughout the organisation.

Ultimately the quality system provides our clients with assurance that the services we provide are of the highest standard and that results issued are reliable, accurate and precise.

BUTTERWORTH LABORATORIES

GREEN VISION

We are committed to reduce our carbon footprint, reduce our non-biodegradable landfill waste, reduce plastic consumption, and increase the use of more environmentally friendly chemicals and consumables where possible.

To this end we have formed a ‘Green Team’ involving Management, Analytical and Administrative staff to act as Green Champions. The aim is to get as many members of staff thinking and acting in a greener manner proposing potential changes.

Actions have already been implemented and the momentum is growing - Green Certification is now firmly on the agenda.

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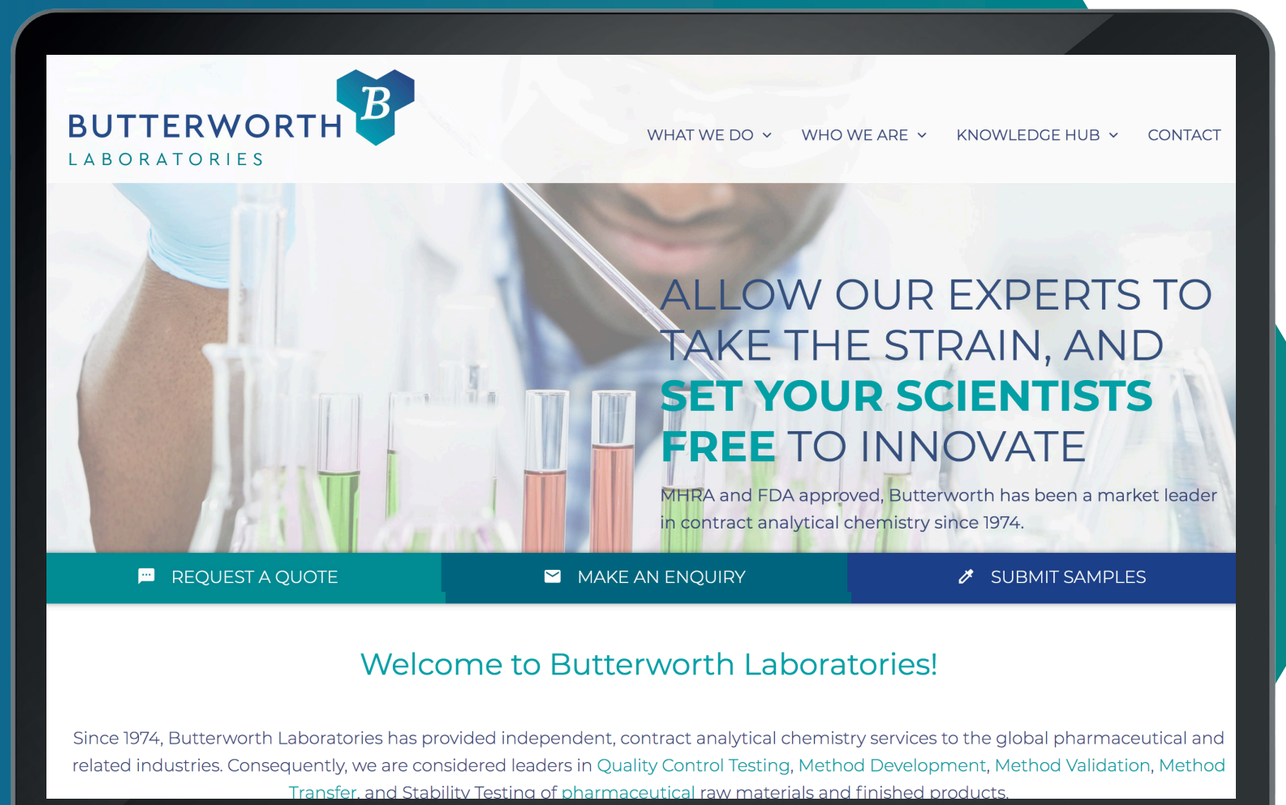

VIEW OUR **INTUITIVE** WEBSITE

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SIMPLER

Easy to use electronic quotation and enquiry forms to speed up processing.

QUICKER

Less time and greater accuracy with our intuitive sample submission forms.

KNOWLEDGE

White Paper Applications and Quality Certifications available to download.

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