Scientific Support Services at The Heath

Discover comprehensive analytical and technical services from leading companies at The Heath.

From HPLC and GC analysis to process development and safety services, our on-site experts deliver precision, reliability, and rapid turnaround times.

ON-SITE SUPPORT

SOG Ltd - Engineering Hub

The Engineering Hub at The Heath provides specialist engineering and project support for laboratories and office spaces. SOG's specialist engineering team provides expert lab support, technical solutions and guidance, from design and build through to ongoing operational support at The Heath.

Laboratory Support

SOG technicians provide specialist civil, mechanical and electrical support alongside SHE services and training.

- Client liaison to create bespoke brief for design & costing
- Validation services for commissioning
- SHE support & training
- Installation and modifications
- In-house project management to deliver an agreed frozen scheme
- Statutory compliance management
- Maintenance and troubleshooting
- Electrical and electronic instrument and control
- Precision fitting, machining, fabrication, calibration, design, planning and procurement

Lab Planning & Build

- Client liaison to create bespoke brief for design & costing
- In-house project management to deliver an agreed frozen scheme
- Space planning and workflow optimisation
- Instrument positioning and service requirements
- Support with equipment move-in and commissioning
- Space adaptation to suit bespoke requirements

Precision Engineering

- Over 40 years of experience – solving problems and turning your ideas into reality
- Rapid evaluation of engineering feasibility
- CAD/CAM design techniques
- Working with traditional/new materials
- Re-engineering of troublesome equipment
- Fabrication and electrical instrumentation/control
- Hydrostatic pressure testing of sample cylinders

CONTACT
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Site Engineering Manager

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RESIDENT COMPANY · 01 OF 07

Oncodrug

Oncodrug is a preclinical drug discovery R&D company, that develops pharmaceutical therapeutics for diseases of high unmet need, with particular expertise in oncology. Oncodrug has integrated drug-discovery capabilities with medicinal, synthetic and computational chemistry, high-throughput screening, assay development, cell biology, pharmacology, biomarker discovery and in vivo biology.

Oncodrug can provide support with:

Biological Assay Services and Consulting

- Biochemical assay development and screening (FI, FP, TR-FRET, HTRF, Absorbance, Luminescence read outs)
- Biophysical (SPR) assay development and screening
- Ultra low volume (nl) dispensing via Echo acoustic dispenser
- Preparation of assay ready plates
- Cellular assay development and screening
- Live cell imaging (Incucyte)
- Cell phenotyping and cellular marker analysis: NovoCyte 3005 flow cytometer
- Biomarker identification and assessment

In vivo pharmacology

- Pharmacokinetics and bioanalysis
- Oncology models

Analytical Chemistry Services

- ^{1}H NMR spectroscopy
- ^{19}F NMR spectroscopy
- ^{13}C NMR spectroscopy
- ^{31}P NMR spectroscopy
- 2D NMR spectroscopy (COSY, HSQC, HMQC, HMBC, NOESY)
- Liquid chromatography mass spectrometry (LCMS)

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RESIDENT COMPANY · 02 OF 07

SpheriTech

We run analytical and preparative HPLC for other companies on-site.

We also have a scanning electron microscope.

1. All modes of analytical HPLC. Including reversed phase, normal phase, chiral, size exclusion and ion exchange HPLC.
2. All modes of preparative HPLC from milligram to kilogram scale. Including reversed phase, normal phase, chiral, size exclusion and ion exchange HPLC.
3. Freeze drying. 2 × 25L capacity freeze driers.
4. Optical microscopes and scanning electron microscope.
5. Peptide synthesis from milligram to kilogram scale.
6. Polymer microparticle synthesis
7. Silica microparticle synthesis
8. Enzyme immobilisation

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Manchester Organics

MANCHESTER ORGANICS
A Group Company of Navin Fluorine International Limited

Analytical Services

- 1H NMR spectroscopy (24 hr turnaround)
- 1H NMR spectroscopy (same day service 2-3 hr)
- 19F NMR spectroscopy (24 hr turnaround)
- 19F NMR spectroscopy (express same day service)
- 31 P NMR spectroscopy (24 hr turnaround)
- 31P NMR spectroscopy (express same day service)
- 13C NMR spectroscopy (24 hr turnaround)
- Elemental analysis (CHN) – external provider, 1 week turnaround
- Water content (Karl Fischer titration) – 24 hr turnaround
- GC (using known method – 24 hr turnaround)
- GC (with method development)
- HPLC (using known method – 24 hr turnaround)
- HPLC (with method development)
- Titration (using auto titrator – 24 hr turnaround)
- Titration (using manual method – 24 hr turnaround)
- Melting point (24 hr turnaround)
- Refractive index (24 hr turnaround)
- Optical rotation (24 hr turnaround)

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Millstone Durbax

Introducing Analytical Services: HPLC, GC Method Development, and More

Millstone Durbax offers analytical services tailored to meet your specific needs. With a strong focus on precision and reliability, we specialise in High-Performance Liquid Chromatography (HPLC), Gas Chromatography (GC) method development and validation, as well as routine analysis of high-volume samples. Additionally, we offer Karl Fischer titration and manual titrations to complement our comprehensive suite of analytical capabilities.

Our team comprises experienced analytical chemists and scientists dedicated to providing accurate and timely results to support your projects and objectives. Whether you require method optimisation, validation services, or routine analysis of large sample sets, we are committed to delivering excellence in every aspect of our work.

Key Services Overview

01

HPLC and GC Method Development & Validation

We specialise in designing and validating HPLC and GC methods tailored to your unique analytical requirements. Our rigorous validation protocols ensure the reliability and reproducibility of your analytical methods.

02

Routine Analysis of High-Volume Samples

We understand the demands of high-volume sample analysis and other efficient and scalable solutions to meet your throughput needs without compromising on quality or accuracy.

03

Karl Fischer and Manual Titrations

Our expertise extends to titration techniques, including Karl Fischer titration and manual titrations, providing precise determination of moisture content and other parameters critical to your processes.

Partnership Benefits & Custom Services

Partnering with us means gaining access to state-of-the-art facilities, industry-leading expertise, and personalised service tailored to your specific goals. Whether you are in pharmaceuticals, environmental testing, food and beverage, or any other industry requiring analytical support, we are here to help you achieve your objectives.

To discuss your analytical needs, explore how these services can add value to your operations, or schedule a consultation, contact Neil Davies: **neil.davies@millstonedurbax.com**

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Actylis

Actylis' operations at The Heath are primarily R&D and Analytical Laboratories serving the Pharmaceutical and Speciality Chemical industries.

As such our main offerings are:

Chemical Process Development

Chemical Process Development / Optimization / Tech Transfer (primarily in Organic Chemistry)

Analytical Method Development and Services

Analytical Method Development and Services (including GC, GCMS, HPLC, FT-IR, UV, Karl-Fischer, Auto-titration, Loss on drying, Melting point)

Process Safety Services

Process Safety Services - Thermal screening (for hazardous decompositions) and isothermal calorimetry (ΔH determination)

ISO9001 Audit Services

ISO9001 Audit Services

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Romer Labs

Romer Labs is a global leader in innovative diagnostic solutions for food and feed safety. With a focus on mycotoxins, food allergens, GMOs, and microbial contaminants, we strive to meet the ever-changing demands of our customers while upholding our reputation for exceptional service.

Our dedicated technical support team is always available to provide assistance, and our technical sales team is committed to helping customers find the right solutions to meet their unique needs.

Analytical Service

Romer Labs provides comprehensive analytical services tailored to meet customers' needs for testing allergens, GMOs, and species identification.

UKAS-accredited ISO 17025
Testing laboratory in Runcorn (no. 4634)

ISO 9001 certified
Certification through TÜV Nord

Romer Labs UK offers testing of food and ingredients, swabs and rinse waters with fast turnaround times that make us an extension of your lab or production facility. Analysis includes but is not limited to the below:

- Gluten
- Tree Nuts
- Peanut
- Dairy; Milk, Casein and βLG
- Fish
- Crustacea
- Mollusc
- Soy
- Egg
- Mustard
- Sesame
- Lupin
- Celery
- GMO
- Species detection

Test Kits

Romer Labs also provide diagnostic test kits for the detection of allergens, GMOs, mycotoxins and pathogens. These versatile tests cater to various applications, covering all phases of the food production process, and can be used to test swabs, rinse waters and product samples. These kits enable manufacturers to validate and verify their cleaning process.

Allergens | GMOs | Mycotoxins | Pathogens

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Nanoco Technologies

Nanoco Technologies is an electronic materials company and a pioneer in the development of semiconductor nanocrystals, known as quantum dots (QDs). Colloidal QDs have evolved from an academic curiosity into a platform technology serving a growing range of markets, from flat-panel displays to infrared image sensing for automotive, industrial and security applications. We offer an end-to-end service from materials design and development to full-scale commercial manufacturing.

Nanoco also offers the following materials analysis services:

Optical materials characterisation

- UV-Vis absorption spectroscopy
- NIR-SWIR absorption spectroscopy
- Visible photoluminescence (PL) spectroscopy
- Visible photoluminescence (PL) quantum yield measurements
- NIR-SWIR photoluminescence spectroscopy
- Dynamic light scattering
- Ellipsometry

Other available characterisation techniques

- Thermogravimetric analysis
- Karl Fischer titration
- Viscosity
- Fourier-transform infrared spectroscopy (FTIR)
- Gas chromatography (GC-FID)
- Photodiode test equipment

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THE HEATH · SCIENCE AND BUSINESS PARK

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Where **science grows** and **business thrives**