Nitto Avecia Pharma Services

We're dedicated to advancing your analytical development needs with a wide range of cutting-edge testing services.

BIO PHARMACEUTICAL

COMPREHENSIVE BIOPHARMACEUTICAL SUPPORT

- Cell-based bioassays
- Western blot analysis
- Residual chemical analysis
- Residual DNA analysis
- ELISA multiplex assay (Luminex/Bio-Plex)
- Ninhydrin-positive substances
- Gel electrophoresis (SDS-Page)
- Flow cytometry assay
- Capillary electrophoresis: CGE, CZE, cIEF, iCE
- Isoelectric focusing (IEF)
- Peptide mapping
- Protein content (strength)
- HPLC (RP, SEC, HIC, IEX and mixed mode)
- Surfactant analysis
- Sugar analysis
- Glycan analysis
- Amino acid analysis

PRODUCT CHARACTERIZATION EXPERTISE

- Identity by amino acid analysis
- Protein content
- Peptide mapping
- Stability studies
- Immunoassays
- Residual DNA, RNA, DNAse, and RNAse analysis
- Purity/potency
- Glycosylation analysis
- Functional analysis
- Process and product-related impurity analysis
- Disulfide bonds: Thannhauser method
- Determination of extinction coefficients

STATE-OF-THE-ART INSTRUMENTATION

- Fast real-time PCR: Applied Biosystems 7500 (QPCR)
- iCE3 Capillary: ProteinSimple
- Solo VPE
- Ultra-centrifuge
- Fast resolution chromatography
- UPLC
- UHPLC
- BD FACSLyric (flow cytometer)
- LC/MS/MS
- LC/QTOF
- IC
- Tecan M100 Pro Plate Reader
- Agarose and cellulose acetate (flatbed chambers)
- HPLC (UV/Vis, PDA, RI, FL, CAD, ELSD, ES, DAD, MALS)
- CE
- SDS-Page (multiple formats)
- UV/VIS spectrophometer
- MD SpectraMax M5 and L plate readers
- Biotek ELx405 microplate washers
- UV transilluminator
- Gel DOC (UV/VIS): BIO-RAD
- Post column amino acid derivation system: Pickering

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BIO PHARMACEUTICAL

Nitto Avecia Pharma Services

THE TRUE PARTNERSHIP DIFFERENCE

We make your goals achievable through a dedicated approach. Every project is led by a **single point of contact**, ensuring seamless communication, strategic planning, consistent reporting, and high-quality data from start to finish.

Partner with Nitto Avecia Pharma Services for reliable, high-quality analytical chemistry support across all stages of drug development. Since 1988, we have built a strong reputation for delivering flexible outsourcing solutions tailored to your development priorities.

OUR CORE CAPABILITIES

COMPREHENSIVE COMPENDIAL TESTING

Cost-effective analysis (USP/NF, EP, BP, ACS, and custom monographs) for raw materials, in-process samples, and finished products.

STABILITY PROGRAM MANAGEMENT

Let us help with the logistics for your stability programs, including storage in a wide range of ICH-listed conditions.

BROAD EXPERTISE

Drug substances, drug products, diverse dosage forms, and vendor qualification.

EXTRACTABLES & LEACHABLES

Broad expertise in PVC blister packs, injectables, medical device, IV bags, and single-use systems.

DEDICATED PROJECT MANAGEMENT TEAM

A single, dependable point of contact who guides and runs meetings, generates agendas and minutes, provides high-quality data and metrics, and conducts detailed post-project follow-up.

MICROBIOLOGY

Comprehensive cGMP microbiological testing for sterility, endotoxins, bioburden, and environmental monitoring.

PACKAGING & DEVICE TESTING

Expert analysis of elastomers, glass, and plastics. We can assist with navigating extractables and leachables.

BIOPHARMA

Integrated analytical support to enable development and commercialization of complex biologics.

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