



Analytical Chemistry

Analytical Research And Development Services

The SCYNEXIS analytical research and development (AR&D) team consists of highly-experienced, industry veterans who develop and validate analytical methods on state-of-the-art instrumentation according to the most current regulatory guidance documents. The team is focused upon developing and validating phase-appropriate methods for the analysis of starting materials, active pharmaceutical ingredients (APIs) and in-process synthetic intermediates.

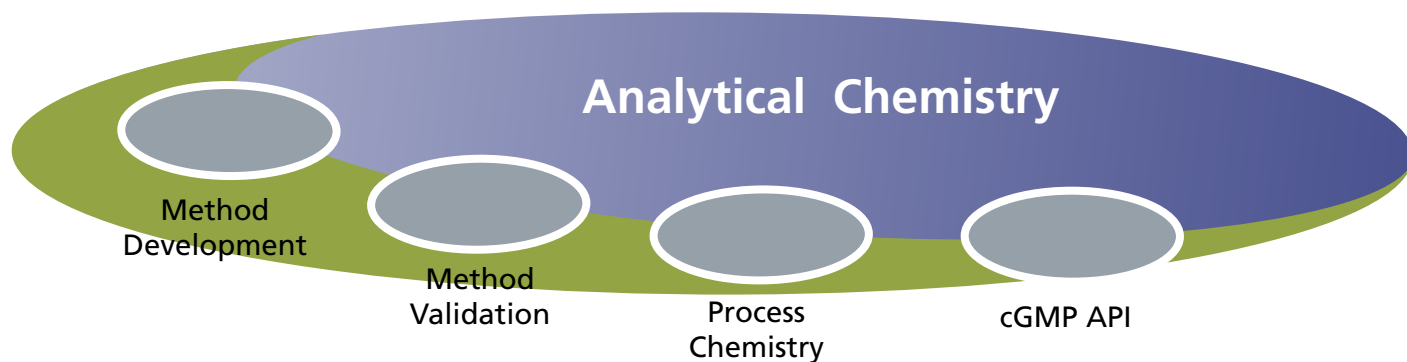
Today's pharmaceutical development environment demands increasingly efficient, sensitive and specific analytical methods for regulatory submissions. SCYNEXIS' analytical scientists have the skill,

expertise and regulatory knowledge to meet this challenge. With access to state-of-the-art instrumentation and facilities, our scientists can solve complex analytical problems to meet your most aggressive timelines.

Analytical Capabilities

Chromatography (LC/GC/TLC)
 Normal & Reverse Phase
 Forced Degradation Studies
 Moisture Determination
 Total Organic Content (TOC)
 DEA Scheduled Compounds
 Stability Protocols & Testing

Method Development
 Method Validation
 Chiral / Enantiomeric Purity
 Preparative Isolation
 Structural Identification
 Potential Genotoxic Impurity ID
 LC-MS/MS; GC/MS; NMR; UPLC



Customer-Focused Analytical Services:

SCYNEXIS develops and validates all analytical methods according to current regulatory guidances. Most importantly, our scientists provide phase-appropriate method validation packages thereby saving our clients time and money. Thorough Quality Assurance auditing ensures the quality of the results and reports generated. SCYNEXIS is registered with both the FDA and DEA.

Analytical Instrumentation

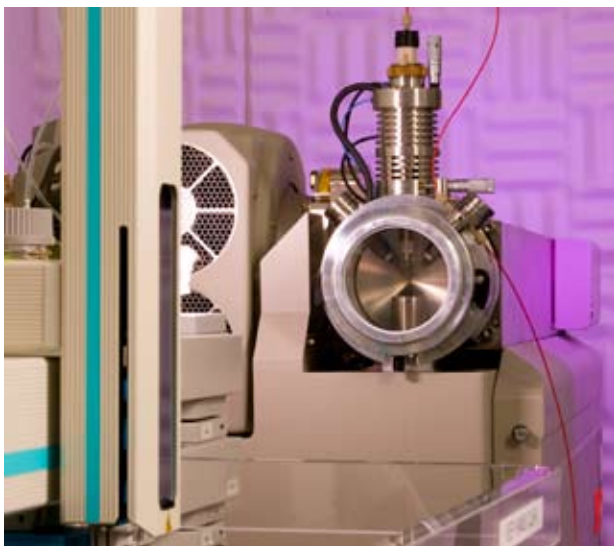
- High-Performance Liquid Chromatography (30+)
- Liquid Chromatography/Mass Spectrometer (12+)
- Ultra/High Pressure Liquid Chromatography
- Nuclear Magnetic Resonance (400 & 500 MHz)
- Gas Chromatography (Headspace & Liquid)
- Gas Chromatography/Mess Spectrometer
- DSC/TGA Thermal Analyses
- FTIR Spectroscopy
- Agilent, Waters, Varian, Chemstation & Empower

Analytical Services

- Chiral Separations
- Assay & Related Substances
- Forced Degradation & Mass Balance Studies
- Cleaning Validation
- In-Process Reaction Monitoring
- Raw Material Testing
- Structural Elucidation
- Preparative Chromatography
- Impurity Isolation

Selected Achievements:

- Developed and validated HPLC-UV methods with a LOQ of 1 ppm for potential genotoxic impurity
- Developed and validated methods for Assay, Impurities and In-Process Controls for compound entering market prior to the FDA Pre-Approval Inspection (PAI)
- Routine validation of API Assay/Impurity methods in two weeks



From Concept To Clinic With Speed And Innovation™

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