

# Expert Science & Technology – Trace level analytics (e.g. nitrosamines, genotoxic impurities)

Job ID  
REQ-10025356  
Dec 21, 2024  
Switzerland

## Summary

Location: Basel, Switzerland

### Role Purpose:

We are seeking a highly motivated Analytical Scientist to join Analytical Research & Development (ARD). ARD sits within the Technical R&D Department of Development and plays an essential role in the characterization and analysis of Drug Substances and Drug Products (classical small molecules and radioligand therapies) from the time they leave the discovery lab until they are transferred to commercial production.

The responsibilities of the Analytical Scientist comprise the development, validation and application of analytical methods for trace analytics of e.g. genotoxic impurities like nitrosamines in drug substances and drug products or trace level contaminants in excipients.

This role requires a strong background in analytical chemistry and experience with hyphenated analytical techniques like mass spectrometry.

## About the Role

### Major accountabilities:

- Development and optimization of analytical methods for trace analytics of e.g. genotoxic impurities like nitrosamines or other trace level contaminants.
- Validation of analytical methods for trace level analytics in various drug substances, drug products and excipients, using hyphenated analytical separation and detection techniques including mass spectrometry, as well as other state-of-the-art technologies.
- Plan, organize, execute, and document scientific experiments (e.g., analytical method development / validation / testing / transfer, formulation development analytics etc.) according to the agreed timelines and appropriate quality standards.
- Support development activities including release and stability testing.
- Maintain GMP standards in testing and documentation.
- Collaboration with analytical project teams.
- Troubleshoot analytical methods and instrumentation issues, providing scientific rationale and solutions.
- Responsible for implementation and maintenance of lean, efficient and environmentally sustainable practices in the laboratory. Contribute to maintenance of lab instruments / day-to-day operations. Contribute to the continuous improvement of laboratory processes and workflows.

## What you will bring to the role:

- Experience in hyphenated analytical separation and detection techniques including mass spectrometry.
- Hands-on experience in the development of analytical methods for pharmaceuticals, particularly trace level analytics, e.g. nitrosamines. Understanding of ICH guidelines, cGMP, and regulatory requirements for analytical testing.
- Strong analytical and problem-solving skills.
- Excellent organizational and time management abilities.
- Ability to work effectively both independently and as part of a team.
- Attention to detail, commitment to quality and accuracy.

## Desirable Requirements:

- Bachelor/Masters in Life Science (e.g., analytical / organic chemistry) or equivalent.
- Minimum experience of 3 years.
- Good knowledge of English (oral and written).

Commitment to Diversity and Inclusion: Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

### Accessibility and accommodation

Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to [inclusion.switzerland@novartis.com](mailto:inclusion.switzerland@novartis.com) and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

**Why Novartis:** Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other.

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Division

Development

Business Unit

Innovative Medicines

Location

Switzerland

Site

Basel (City)

Company / Legal Entity

C028 (FCRS = CH028) Novartis Pharma AG

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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