

# Analytical Expert – Trace Level Analytics (m/f/d)

Job ID  
REQ-10025348  
Oct 25, 2024  
Switzerland

## Summary

Location: Basel, Switzerland

### Role Purpose:

We are seeking a highly motivated Analytical Expert 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 Expert 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. The selected candidate is also expected to support the implementation of the analytical global strategy for trace level analytics and contribute to its development.

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 validation of analytical methods for trace analytics of e.g. genotoxic impurities like nitrosamines, or other trace level contaminants, using hyphenated separation and detection techniques, like e.g. mass spectrometry and other state-of-the-art technologies.
- Support implementation of global analytical strategy for trace analytics and contribute to its ongoing evolution.
- Plan, report, correlate and interpret results of scientific experiments and investigations according to the agreed timelines. Ensure compliance to cGMP.
- Write and review analytical documents (raw data review / approval, development reports, validation protocols and reports, etc.).
- Provide scientific guidance to laboratory scientists. Develop, coach and mentor laboratory scientists and other associates.
- Work closely with the analytical project teams to implement appropriate testing protocols and address any issues that arise during the testing.
- Propose and discuss state-of-the art science and technology, staying updated with the latest developments in regulatory guidelines related to trace level analytics e.g. nitrosamines.
- Exhibit strong team spirit and promote knowledge exchange.

## What you will bring to the role:

- Knowledge of regulatory guidelines related to nitrosamines, genotoxic impurities and trace level analytics (e.g., EMA, FDA).
- Proficiency in using hyphenated analytical separation and detection techniques including mass spectrometry.
- Proven experience in analytical method development and validation, particularly for trace level analytics, e.g. nitrosamines.
- Strong problem-solving skills and attention to detail.
- Excellent communication and collaboration skills.
- Ability to work independently and as part of a team.

## Desirable requirements:

- PhD or Master degree in Analytical Chemistry / Chemistry or equivalent.
- Minimum of 3 years' experience in the pharmaceutical industry.
- 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

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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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