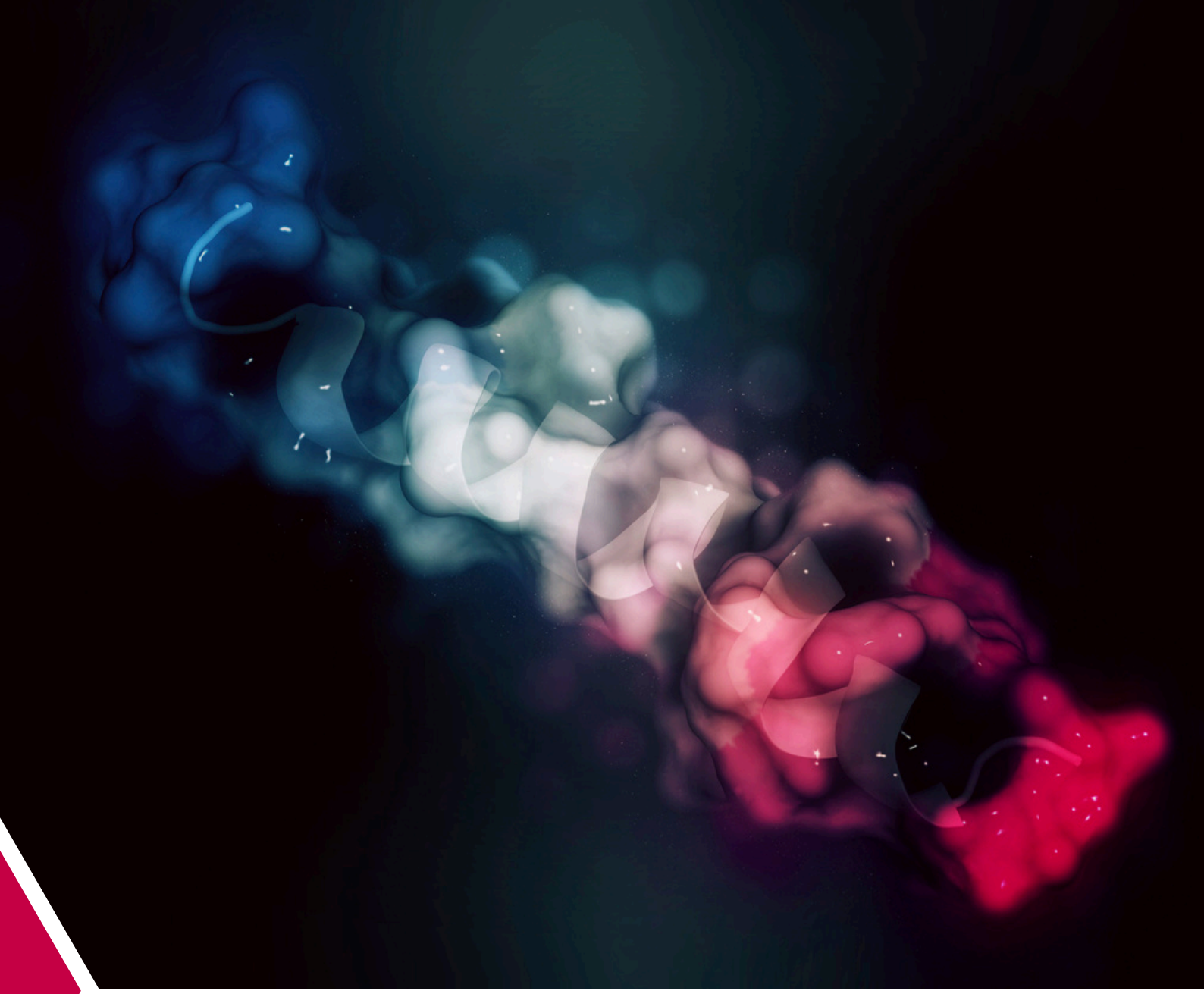


Peptide Analysis

Solutions from lab to launch

- Characterization & Comparability
- Release Testing
- Impurities and By-products
- Stability Testing

solvias

Your trusted analytical partner for your peptide development journey, **from lab to launch**

Comprehensive Capabilities

Peptides hold immense therapeutic promise, yet their development is challenging due to their inherent complexity and diverse physicochemical properties. This complexity demands a plethora of analytical techniques to fulfill the stringent regulatory requirements. Solvias addresses these challenges with comprehensive analytical capabilities, leveraging our deep expertise, experience, and state-of-the-art technology to keep your development on schedule and within budget.

Analytical Packages for Every Stage of Development

Research → Preclinical → Clinical → Commercial

- **Characterization & Comparability** (incl. method development)
- **Impurities & By-products** (incl. raw material, manufact., degradation)
- **Release Testing** (incl. method validation/transfer)
- **Stability** (incl. method validation/transfer)

Cutting-Edge Technology

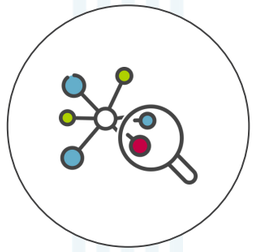
Our state-of-the-art equipment meets stringent regulatory standards and delivers reliable, reproducible results in as little as **4-6 weeks** for characterization services.

Mass Spectrometry
Identity, impurity identification and quantification, sequencing, isomer profiling, peak purity

Chromatography
LC (HPLC, UPLC, FPLC), GC & Headspace GC (FID,TCD,MSD), CE (UV, FLD), Gel Electrophoresis, Western Blot, TLC

Spectroscopy
IR / UV-VIS / RAMAN, Fluorescence, CD, NMR, DLS, Turbidimetry, Polarimetry, Refractometry, Light Microscopy, AF4, AUC

Bring **your innovation** to its destination



Characterization & Comparability

Deep expertise combined with a broad range of capabilities to effectively assess the physical, chemical, and performance properties of your peptide.

- ✓ Primary & higher-order structure
- ✓ Aggregation & Heterogeneity
- ✓ Bio-Functionality & Safety
- ✓ Physicochemical Properties
- ✓ Purity & Content

Impurities & By-products

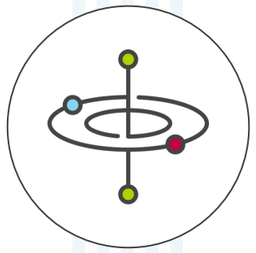
Full suite of impurity and contamination control services, covering SPPS & recombinant-based manufacturing, control of raw materials and the final drug product.

- ✓ Impurities from chemical synthesis (SPPS & LPPS) and recombinant processes
- ✓ Elemental impurities (ICP-OES, ICP-MS, AAS)
- ✓ Extractables & leachables
- ✓ Genotoxic impurities testing, including nitrosamine drug substance related impurities (NDSRIs), polycyclic aromatic hydrocarbons (PAHs), and alkyl halides

Release Testing

Routine GMP testing with a set of quality- and stability indicating methods validated for this purpose and established compendial tests.

- ✓ Identity
- ✓ Potency
- ✓ Purity
- ✓ Compendial and drug substance & drug product tests



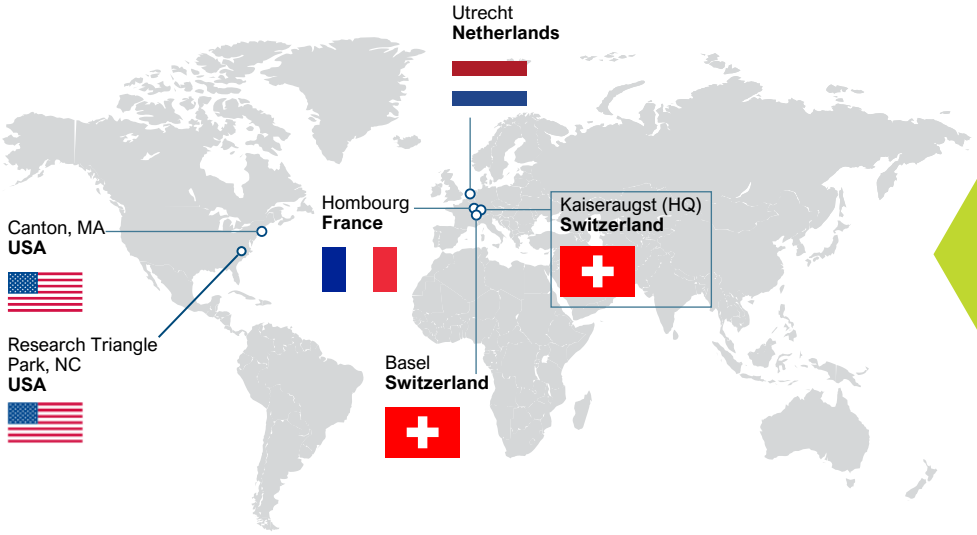
Stability

With our deep expertise, large storage capacity, and flexible approach we deliver accurate results at every stage of the development cycle.

- ✓ Intermediate and long-term stability
- ✓ Accelerated stability testing
- ✓ Forced degradation studies
- ✓ Photostability testing
- ✓ Temperature cycle tests
- ✓ Comparative stability testing
- ✓ In-use testing, freeze-thaw cycle testing

Why partner with us?

- CDMO/CRO
- Founded in 1999
- 800+ team members
- 175+ PhD-level scientists
- GMP, GLP, ISO9001 certified
- 22.5K sqm of lab capacity
- 700+ customers worldwide
- 6 centers of excellence



Contact us to speak with an expert: info@solvias.com

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