



Services Across All Development Stages

Continuous and Controlled Freeze-Drying

Our Services

1. Process development service

Developing an optimal freeze-dried product with sufficient long-term stability can be challenging. RheaVita has built deep knowledge to dry a broad range of biological products. We can design a spin freeze-drying recipe for your compounds in just a few days.

What this means for your drug development timeline:

- Very short development times (days instead of weeks)
- Minimal drug product use (10-20 vials instead of hundreds)
- No process cycle adaptation from lab scale to production

2. Formulation advice

RheaVita's years of expertise and knowledge of (bio)pharmaceutical stability and degradation and extensive analytical equipment means we have the tools to optimize your formulation. Some typical considerations in our formulation development are:

- Withstanding freezing and dehydration stress
- Buffer selection to prevent pH shifts throughout the process
- Including surfactants to inhibit adsorption



RheaVita has the analytical capabilities to optimally combine formulation and process development in-house.

Visit www.rheavita.com to learn more about RheaVita's services and our continuous spin freeze-drying technology.

3. Feasibility studies

RheaVita has obtained the knowledge to dry a broad range of biological products. We can evaluate the capabilities of our spin freeze-drying technology on your established commercial products as well as on your products under development.

4. Installation and commissioning of the pharmaceutical equipment

The RheaVita expert team takes care of the installation and testing of the continuous freeze-drying equipment and will train your operational team.

5. Qualification support for the pharmaceutical equipment

The RheaVita expert team offers qualification support for RheaVita pharmaceutical equipment. We provide you with supporting documents (for Installation Qualification) and we support the functional performance work (for Operational Qualification).

6. Maintenance of operational equipment

Dedicated technical service personnel ensure proper maintenance, according to the appropriate service-level agreement (SLA).

Continuous Lyo Academy

The Continuous Lyo Academy was founded to share RheaVita's extensive lyophilization knowledge with others.

Many of these courses focus on the fundamentals of freeze-drying for enthusiasts who are new to the field. More in-depth courses are also offered on various aspects of RheaVita's continuous spin freeze-drying technology, including formulation and process development.



