

SUCCESS STORY

MEDIA LABORATORY SUPPORT

VWRCATALYST INTEGRATES WITH BIOTECH CUSTOMER, MEETS 100% OF BULK AND SPECIALTY SOLUTION REQUESTS

Problem

The Research and Development (R&D) concept-to-market timeline for novel therapeutics determines a life science company's ability to succeed. When the biotech subsidiary of a large life science company experienced an increased project load, scientists became increasingly frustrated with the workload and their ability to meet expected timelines. Members of the company's R&D community realised they were spending too much time making solutions for experiments, often repeating the same preparations in multiple groups for multiple projects. Their current process was determined costly because it wasted time, reagents, and money. Additionally, scientists often had difficulty finding their materials, resulting in frequent work delays.

Solution

The company worked with **VWRCATALYST** to build an onsite Scientific Solutions Laboratory for select media and buffers. **VWRCATALYST** hired a team of two associates with scientific experience to prepare bulk solutions for experiments.

Now, scientific solutions are requested through a Laboratory Information Management System (LIMS). All experiments are entered into the LIMS, where scientists are able to access all documentation from their desktops at any time.

Problem

Scientists at a major biotech subsidiary were spending too much time making solutions for experiments, which delayed the concept-to-market timeline for novel therapeutics.

Solution

VWRCATALYST built an onsite Scientific Solutions Laboratory for media and buffers, supported by well qualified scientists.

Result

The **VWRCATALYST** lab currently prepares every solution for the scientific community's experiments. Five experienced scientists manage bulk and custom solutions. This involves sensitive scientific techniques and detailed record keeping of all procedures.

"We want you to know how much we appreciate the work you do. You are part of our team."

-Scientific leader at biotech subsidiary

Output of VWRCATALYST Scientific Solutions Laboratory

Solutions made per month average vol.*	3550 l
Unique media recipes	110
Range of vol. produced	100 ml - 500 l

*Includes bulk and custom solutions. Totals listed above were current at time of publication.



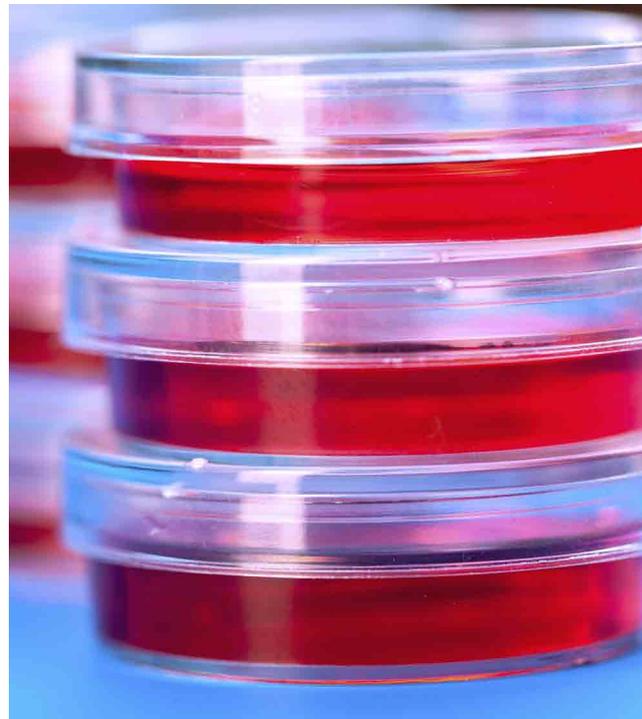
Result

The **VWRCATALYST** Scientific Solutions Laboratory currently prepares every solution for the biotech subsidiary's experiments. This team has grown to include five experienced scientists who manage bulk and custom solutions, ranging in volume from 100 ml to 500 l. Monthly, **VWRCATALYST** produces an average of 3550 l of solutions and follows 110 unique recipes for the customer.

Since the creation of the Scientific Solutions Laboratory, the **VWRCATALYST** team's responsibilities have grown to include exclusively preparing all of the media for R&D projects and experiments using the company's trademarked antibody. The preparation of this media involves **sensitive scientific techniques** and **detailed record keeping** of all procedures. To validate the quality of each prepared batch, **VWRCATALYST** performs conductivity, osmology, and pH experiments before making the media available for use.

The **VWRCATALYST** team is now fully integrated with both scientists and the work streams at the biotechnology subsidiary. "We want you to know how much we appreciate the work that you do. You are part of our team," said a scientific leader at the company. **VWRCATALYST** scientists attend strategic meetings to discuss the solution preparation schedule, plan experiments, and meet preparation demands. The team consistently meets 100% of on-time delivery requests for all solutions.

Additional growth in the responsibilities of the **VWRCATALYST** Scientific Solutions team has included support of experiments for the Fermentation Group. The team prepares specially requested solutions for investigative studies of spores. Here, requests are made for traditional and novel solutions using the LIMS. **VWRCATALYST** prepares and documents these requests, identifies and solves synthetic issues and recommends future solutions based on their experiential knowledge.



We Enable Science Through Services

From research to production, **VWRCATALYST** can help you re-focus scientific time on initiatives that directly support the strategic mission of your company.

We Enable Science by:

- Powering productivity
- Improving quality, safety and regulatory compliance
- Reducing total operating costs

Our services include:

- Procurement and supply management
- Laboratory and production support
- Scientific support
- Equipment and instrument services
- Lean Six Sigma process consulting