

Trace element finished-good testing for cell culture media

Get detailed trace element data upon request with your Certificate of Analysis

Gain the edge needed to increase your bioproduction success. Increase the quality and consistency of your product by decreasing the risk of variable media performance. With a greater focus on biologics production, it's more important than ever to predict and control critical quality attributes. Our new Gibco™ trace element finished-good testing service provides the information you need for understanding which trace elements your specific process or cell line may be sensitive to (Figure 1).

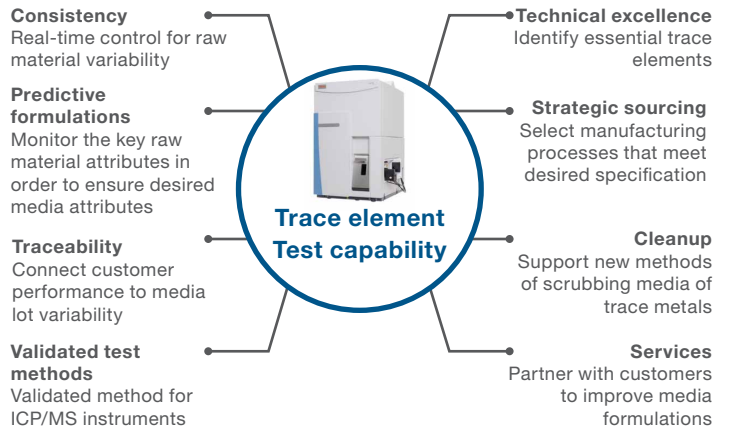
Testing and documentation available for the following elements:

- Chromium
- Nickel
- Cobalt
- Selenium
- Copper
- Tin
- Iron
- Vanadium
- Manganese
- Zinc
- Molybdenum

- **Customer-owned formulations**—documented values for up to 11 trace elements
- **Authorized users of customer-owned formulations**—documented values for up to 11 trace elements upon authorization from the OEM owner
- **Proprietary formulations from Gibco**—documented values for up to 2 trace elements*

* Documented values for up to 9 additional elements may be provided with a supplemental confidential disclosure agreement.

Program benefits and offerings to our customers



Customer collaboration on trace element variability and critical raw materials

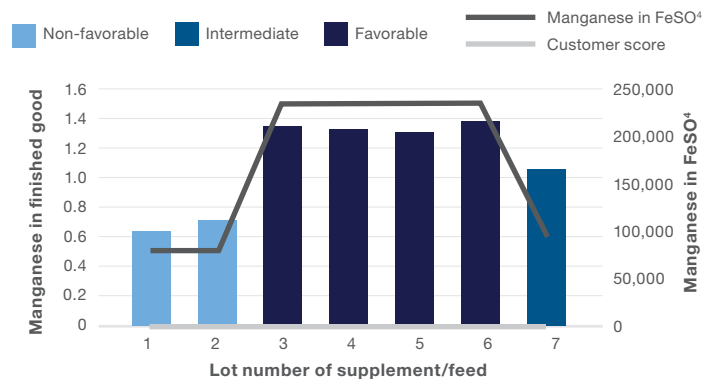


Figure 1. Using data to better meet process requirements. Using data from Gibco, a customer was able to identify which trace element was impacting product quality due to sensitivity of their particular cell line. Thermo Fisher supported the investigation with full trace element profile data for historical lots. Using these data, the customer is now proactively reviewing the trace element profile for each lot to further understand and optimize their process and meet specific requirements.