Quench-Gone Organic Modified (QGO-M) Test Kit

Pack Size	Product Code
25 tests	50-30-10013
100 tests	50-30-10009

The Quench-Gone Organic Modified (QGO–M) test kit is designed for rapid and precise determination of total microbiological concentration in organic-based, low-solids samples such as oilfield waters, lubricants, and oily brines.

Requires [LuminUltra Photonmaster™.](#)

Description

The Quench-Gone Organic Modified (QGOM) test kit is based on the measurement of ATP and provides a rapid and interference-free determination of total microbiological concentration for low-solids organic- based samples, such as oilfield-related waters, fuels, lubricants, metalworking fluids, and oily brines.

Use this test kit to quantify total bioburden in organics– laden samples for rapid assessment of contamination and in conjunction with additional analyses for a complete process microbiological profile.

These real time results allow you to isolate problem areas, determine the root cause, and mitigate the issue – all during the same shift.

Key features:

- ASTM D7687 & E2694 compliant
- Measure only living biomass via Cellular ATP
- Results available in < 5 minutes
- Low Detection Limit of nominally 0.25pg/mL (250 microbial equivalents per mL), although simple test modifications can allow even greater sensitivity
- All interferences such as organics, colour, residual chemical, and other characteristics inherent to sample matrices are mitigated

Additional information

Size	100 tests, 25 tests
Industry	Oil & gas
Sample types	Low-solids organic and/or water mixtures

Specifications

Sample types
Low-solids organic and/or water mixtures
- Oilfield applications
- Metalworking fluids & lubricants
- Oily brines
- Lubricating fluids
- Produced waters and other oil-contaminated waters

Commonly used applications & industries
- Oil & gas

Components
- All required reagents, including: UltraLute, UltraLyse, LumiClean, freeze-dried Luminase, UltraCheck
- Required consumables including tubes, syringes, filters, bulb pipettes, pipet