



# Quench-Gone Organic Modified (QGO-M™)

The Quench-Gone Organic Modified (QGO-M) 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.

Use these real time results to isolate problem areas, determine the root cause, and mitigate the issue – all during the same shift!

**Ask us for a business case for using LuminUltra's solutions to save your operation time and money at [sales@luminultra.com](mailto:sales@luminultra.com).**

## 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.
- All materials are stable for two years at room temperature.\*

*\*Luminase formulations, after rehydration, typically last 4-6 months if stored refrigerated.*

## The Quench-Gone Organic Modified Complete Test Kit (QGOM-100C), 100 Tests contain:

- 2 x UltraLute, 9mL, Dilution Tube, 50/Rack
- 1 x 125mL UltraLyse 7 Bottle
- 2 x 250mL LumiClean Bottle
- 5 x 3mL Freeze-Dried Luminase
- 1 x 5mL UltraCheck 1 Dropper Bottle
- Plus enough plastic consumables for 100 Tests

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microbial monitoring