

# Petrochemical, Fuel, and Petroleum Testing

**Intertek**

Valued Quality. Delivered.

Professional Laboratory Services and Expertise.  
Global Analytical Testing Network.



Intertek provides state-of-the-art testing and inspection services for the petroleum refining, petrochemicals manufacturing, biofuels, natural gas, exploration and production, and other industries.

Intertek chemists and scientists are well trained, with extensive industry and analytical expertise.

Intertek laboratory quality control, troubleshooting, and R&D testing services include:

- Refined Petroleum Products (Gasoline, Fuel Oils, LPG, LNG, Diesel, etc.)
- Biofuels (Biodiesel, Ethanol Blends, etc.)
- Feedstocks (Crude Oils, Chemical Feedstocks, etc.)
- Materials Analysis, Polymers
- And more

Laboratory expertise includes:

- Testing to ASTM, ISO, and other recognized quality standards
- Quality Control testing
- Crude Oil Assay
- Troubleshooting and diagnosis
- Trace and Ultra-trace analysis
- Trace contamination identification and quantification
- Research and development support
- In-house methods, method development
- Back-up testing support for client overflow work and down instruments

# World Class Laboratory Expertise & Capabilities

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Intertek is a leading quality solutions provider to industries worldwide. From auditing and inspection, to testing, training, advisory, quality assurance and certification, Intertek adds value for its customers by helping improve the quality and safety of their products, assets and processes. With a network of more than 1,000 laboratories and offices and over 36,000 people in more than 100 countries, Intertek supports companies' success in the global marketplace, by helping customers to meet end users' expectations for safety, sustainability, performance, integrity and desirability in virtually any market worldwide. Visit [www.intertek.com](http://www.intertek.com)

## Chromatography:

- Gas Chromatography (GC)
- LC, IC
- GPC/SEC

## Mass Spectrometry:

- GC/MS
- GC/ICP/MS
- LC/MS/, LC-MS/MS
- TD GC/MS
- MALDI
- UPLC-TOFMS

## Elemental Analysis:

- ICP (MS & OES)
- AA
- XRF

## Vibrational Spectroscopy:

- FTIR, NIR, UV-VIS
- ATR
- Raman
- Microbiology

## Permeation and Sorption:

- Isotherms, BET
- Chemisorption, Helycnometry

## Thermal Analysis, Rheology:

- TGA, DSC, TMA
- DTG
- Calorimetry
- DMA
- Texture Analyzer

## Surface Analysis, Microscopy:

- SEM, AFM, TEM
- XPS
- EDXA
- ToF SIMS
- Optical
- Particle Size

## Structural Analysis:

- NMR
- XRD

## Physical Properties Testing:

- ASTM, other methods

## Contact Intertek:

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