

Intertek Asociación BTC Laboratory

Fuel gases testing capabilities

Intertek

Valued Quality. Delivered.



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Commercial issues

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Fuel gas testing capabilities:

Intertek Iberica Spain is able to provide fuel gas quality testing services.

The Intertek Bilbao's Technology Center (BTC) is accredited by the Spanish National Accreditation Organization (ENAC) according to ISO 17025 for any fuel gas testing such as:

NATURAL GAS / LPGs / BIOGAS / REFINERY or PROCESS GAS

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Accreditations

ISO 9001/2008



Quality Management System to apply to inspection and testing services of crude oil, petroleum products, petrochemicals, chemicals, liquefied gas and inspections of bulk dry cargoes and pre-shipment inspections.

EN ISO 17.025



Laboratory Accreditation to test crude oil, petroleum products, petrochemical, chemical products, **fuel gases** and coal / coke samples.



Analytical Methods accredited

- **Natural Gas / Biogas:** ASTM D1945 / ISO 6976
- **LPGs:** ASTM D2163
- **Fuel gas / Refinery gas / Process gas:** DIN 51666 and UNE EN 15984

Analytical capabilities Gas Natural / Biogas

Product	Tests	Method	Rate (€)	TAT	
Natural gas / Biogas	Methane	ASTM D-1945	200	1-2 days	
	Ethane				
	Propane				
	n-Butane				
	i-Butane				
	n-Pentane				
	i-Pentane				
	C6+				
	Oxygen				
	Nitrogen				
	Hydrogen				
	CO2				
	CO				
	Constants				
	Metane number	Calculated			
	Density	ISO 6976 / 95			
	Gross Calorific Value	ISO 6976 / 95			
	Net Calorific Value	ISO 6976 / 95			
	Wobbe Index	ISO 6976 / 96			
	Other Tests				
SH2	Adsorption Tubes	40			
NH3	Adsorption Tubes	40			
Mercaptan Sulphur	Adsorption Tubes	40			
Total Humidity	Adsorption Tubes	40			
Nitrous oxides	Adsorption Tubes	40			
Benzene	Adsorption Tubes	40			

Analytical capabilities LPGs

Product	Tests	Method	Rate (€)	TAT
LPGs	Composition	ASTM D2163	200	1-2 days
	Constants			
	Metane number	Calculated		
	Density	ISO 6976 / 95		
	Gross Calorific Value	ISO 6976 / 95		
	Net Calorific Value	ISO 6976 / 95		
	Wobbe Index	ISO 6976 / 96		
	Other Tests			
To determinate	-	-		

Analytical capabilities Fuel Gas / Refinery Gas / Process Gas

Product	Tests	Method	Rate (€)	TAT
Fuel gas / Refinery Gas / Process Gas	Methane	DIN 51666 UNE-EN 15984:2011	200	1-2 days
	Ethane			
	Propane			
	n-Butane			
	i-Butane			
	n-Pentane			
	i-Pentane			
	C6+			
	Oxygen			
	Nytrogen			
	Hydrogen			
	CO2			
	CO			
	Constants			
	Metane number	Calculated		
	Density	ISO 6976 / 95		
	Gross Calorific Value	ISO 6976 / 95		
	Net Calorific Value	ISO 6976 / 95		
	Wobbe Index	ISO 6976 / 96		
Other Tests				
To determinate	-	-		

Sampling containers

There could be available different sampling containers depending the product and client's needs

Sampling recipients	Rate (€)
Tedlar plastic bags (5 litres)	71 (reusable)
Tedlar plastic bags (10 litres)	90 (reusable)
Metal cylinders	Renting possibility