

# Precisely Simple





# Seeing Specialty Gases differently

Faced with endless choices, we know that when it comes to your analytical gases supplier, you want to be able to tick all the boxes. And we believe you should be able to. That's why ALPHAGAZ™, Air Liquide's premium brand of specialty gases for analytical applications, promises an offer that is as comprehensive as it is straightforward.

As a worldwide leader with over 30 years experience in this field, we have made it our business to understand how our customers use gases. So while we offer undisputable accuracy and traceability, we do it with a complete yet simple range of the most commonly requested pure gases and mixtures.

We are committed to guaranteeing short lead times to meet your most challenging demands so you never have to wait for us. Our customer service teams are easy-to-access and totally engaged, ready to support you from assessing the right product to using it in the lab. At the forefront of what we do, we are in the unique position of anticipating what you need now and in the future.

When you choose ALPHAGAZ™, you can be sure you are getting the most reliable and precise products, plus accompanying services to suit your analytical needs in a clear, uncomplicated way, whatever your situation.



## SMARTOP™ INCLUDED

ALPHAGAZ™ pure gases cylinders benefit from our exclusive SMARTOP™ valve: a residual pressure valve equipped with an on/off lever and a permanent pressure gauge.

# Why **ALPHAGAZ**™ ?

## The benefits are clear



## Simpler choices

**ALPHAGAZ**™ is, hands down, the simplest way to buy high quality, reliable analytical gases. By providing you with a straightforward, less time-consuming way to choose analytical gases, we make sure you have more time to be more productive elsewhere. Even our packaging is simplified: all our pure gases cylinders have our **SMARTOP**™ as standard, the simplest, clever valve on the market.



## Consistent, reliable service

We pride ourselves on our customer-centric service. We know that having the right product at the right time is key. That is why we are committed to guaranteeing a short and reliable lead time so you have your order when you expect it.

As an **ALPHAGAZ**™ customer, you have a dedicated network of specialty gases experts supporting you all along the way. We make sure you have a constant point of contact from quotation, to help you identify the best product for your specific application, to delivery.



## Quality you can depend on

When it comes to analytical gases, precision makes the difference. **ALPHAGAZ**™ offers irrefutable accuracy and traceability, guaranteed by top certificates and accreditations (all Air Liquide laboratories are ISO-9001 compliant and many accredited according to ISO 17025 globally). To achieve this, we carefully trace impurities and control mixtures' stability and quality initially and over time.

You can rely on the uniformity of our range worldwide. As part of our consistency promise, we ensure reliable repeatability and proven stability for our products in all your locations.

# Our ALPHAGAZ™ product range

## Pure gases - ALPHAGAZ™ 1 & ALPHAGAZ™ 2

Air Liquide R&D teams worked with major analytical manufacturers to determine the recommended gas purity for their instrumentation. Our findings indicated that two basic ranges for gas purity are enough to ensure optimal performance in most applications.



### ALPHAGAZ™ 1

For the accuracy of analysis - ranging from % to ppm

ALPHAGAZ™ 1 pure gases exceed the purity recommendations of most laboratory instrument manufacturers, making them an obvious choice for all-around laboratory use. Providing guaranteed low impurity levels, ALPHAGAZ™ 1 products are ideal for most analytical and process control applications.

### ALPHAGAZ™ 2

For the high accuracy of analysis - ranging from ppm to ppb

All ALPHAGAZ™ 2 pure gases exhibit very low impurity levels available in the industry, making them the best choice for laboratory, analytical and process control applications where uncompromised ultra-high purity is needed.

All our products are made to guarantee repeatability and traceability of your analyses.

- Gases on catalogue designed for carrier, purge and zero
- Available worldwide in cylinders or liquid

## Mixtures - ALPHAGAZ™ Mix

Leveraging decades of expertise with specialty gases, Air Liquide addresses the mixtures market with the same simple and straightforward approach as we do with pure gases.



### ALPHAGAZ™ Mix

Four product classes depending on your analytical accuracy and blend tolerance

ALPHAGAZ™ Mix offers you the ultimate flexibility in selecting analytical accuracy and blend tolerance. Each class has unique characteristics and subsequent performance specifications. ALPHAGAZ™ Mix features high purity instrumentation and calibration gas mixtures - defined as products combining 2 to 40 components, with accuracy ranging from % to ppb. It covers a wide range of analytical needs, particularly for research, engine testing, environment and oil and gas industries.

All our products are made to guarantee high accuracy and repeatability of your analyses.

- Mixtures available on catalogue or on-demand for specific requirements
- Worldwide range thanks to standardized in-house blending units
- Special treatment for cylinder preparation
- Gases delivered with certificates of conformity or certificates of analysis
- Accreditation on demand

Air Liquide's Industrial Merchant Business Line delivers industrial gases and innovative solutions, including application technologies, equipment and services. From independent professionals to large industrial companies, our 33,500 employees serve over 2 million customers daily across 75 countries. They use their unmatched business and technical capabilities to develop gas solutions that boost the performance of industries and help them to increase product quality, unlock greater competitiveness and minimize the environmental footprint of their manufacturing processes.

**Contact us**

Air Liquide - IM-WBL  
75 quai d'Orsay  
75321 Paris Cedex 07 - France

[www.airliquide.com](http://www.airliquide.com)



The world leader in gases, technologies and services for Industry and Health, Air Liquide is present in 80 countries with approximately 65,000 employees and serves more than 3 million customers and patients.