



## Pure Gases



### Two grades to ensure your optimal performance

- Best fit for carrier, purge and zero
- Two levels of purity from % to ppb
- SMARTOP ™ valve included
- Products on catalogue and in stock

## **ALPHAGAZ**<sup>TM</sup>

Two grades, two levels of purity to cover all your analytical applications

#### Simpler choices...

- Two levels of purity to satisfy nearly all of our clients needs
- Optimal number of references
- SMARTOP ™ included, the simplest clever valve
- Color-coded cylinder visual identity for easy identification
- Available with a range of compatible gas handling equipment

#### Quality you can Consistent, depend on...

- Guaranteed low level of critical impurities
- Certificate of conformity included
- Traceability guarantee with a batch number per cylinder
- Specialized cylinder conditioning ensures long-term stability and purity of contents

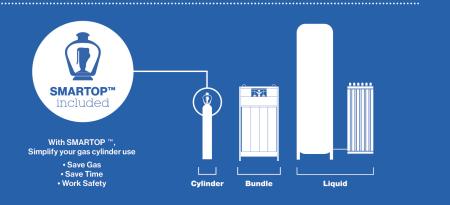
# reliable service...

- Products in stock
- Dedicated customer support from quotation to delivery

	ALPHAGAZ™ 1 For the accuracy of analysis - ranging from % to ppm	ALPHAGAZ™ 2 For the high accuracy of analysis - ranging from ppm to ppb
Level of purity	N50 (99.999%)***	N60 (99.9999%)***
Ar - H <sub>2</sub> - He N <sub>2</sub> - O <sub>2</sub>	$H_2O < 3 \text{ ppm}$ $O_2 < 2 \text{ ppm}^*$ $CnHm < 0,5 \text{ ppm}$	$H_2O < 0.5 \text{ ppm}$ $O_2 < 0.1 \text{ ppm*}$ $CO_2 < 0.1 \text{ ppm}$ $CO < 0.1 \text{ ppm}$ $CnHm < 0.1 \text{ ppm}$ $H_2 < 0.1 \text{ ppm**}$
Air	H₂O < 3 ppm CO < 1 ppm CO₂ < 1 ppm CnHm < 0.1 ppm	$H_2O < 0.5 \text{ ppm}$ CO < 0.1  ppm $CO_2 < 0.1 \text{ ppm}$ CnHm < 50  ppb $SO_2 < 10 \text{ ppb}$ NOx < 10  ppb
CO <sub>2</sub> - N <sub>2</sub> O - C <sub>2</sub> H <sub>2</sub>	Contact us	
Shelf life	60 months	

<sup>\*</sup> Except for O₂ - \*\*Except for H₂ - \*\*\*N45 for O₂ (ALPHAGAZ™1) and N55 for O₂ (ALPHAGAZ™2)

ALPHAGAZ™ 1 and ALPHAGAZ™ 2 are available with the best supply modes ensuring safety, quality, consistency and simplicity of use





#### Air Liquide Expertise Center

High purity gases, mixtures and related equipment for Research & Analysis

www.airliquide-expertisecenter.com