

ALPHAGAZ™ 2

Ultra-pure gases for the most critical laboratory and analytic applications



Benefits and Features

- Engineered to provide the absolute highest purity for the most demanding applications
- Proprietary cylinder prep and individual analysis guarantees ultra-low impurity levels
- Cylinder-to-cylinder consistency provides added performance reliability
- Residual Pressure Valve (RPV) prevents atmospheric contamination
- Exclusive SCANDINA™ cap provides added safety during transport and service
- Weatherproof and tear-resistant identification label on each cylinder or pack accurately indicates impurities
- Lot number on each cylinder is traceable to our analytical records for added reliability



ALPHAGAZ™ 2

... a grade above.

ALPHAGAZ 2 products from Air Liquide provide ultra-high-purity for the most critical laboratory, analytic and process control applications. These include petrochemicals for both laboratory and process control, secondary electronics and optoelectronics, scientific research and many others where guaranteed low impurity levels are essential. ALPHAGAZ 2 products are also available in a flexible range of packaging options that can be ideally matched to individual usage requirements.

ALPHAGAZ 2 Specifications

Product	Purity	CO ₂	CO	H ₂	H ₂ O	O ₂	N ₂	THC
Argon	> 99.9995%	< 0.5	< 0.1	< 0.1	< 0.5	< 0.5	NA	< 0.1
Helium	> 99.9998%	< 0.5	< 0.1	< 0.1	< 0.5	< 0.5	NA	< 0.1
Hydrogen	> 99.9998%	< 0.5	< 0.1	NA	< 0.5	< 0.5	< 1	< 0.1
Nitrogen	> 99.9998%	< 0.5	< 0.1	< 0.1	< 0.5	< 0.5	NA	< 0.1
Oxygen	> 99.9995%	< 0.5	< 0.1	< 0.1	< 0.5	NA	< 3	< 0.1

**All values in ppm*

Recommended for Specific Detectors

Detector	Grade	<1 ppbv	1 ppbv– 1 ppmv	1 ppmv– 1 vol%
CD	Carrier		•	
DID/HID/PID	Carrier	•	•	•
ECD	Carrier	•	•	
FID	Carrier/Fuel		•	
FTIR	Carrier		•	
MS	Carrier	•	•	
PDECD	Carrier	•	•	
PDFPD	Carrier/Fuel		•	
PDHID	Carrier	•	•	•
PDPID	Carrier	•	•	



Packaging Options

- Single high-pressure cylinders
- 6-pack of high-pressure cylinders
- 16-pack of high-pressure cylinders
- Tube trailers



Founded in 1902, Air Liquide is a world leader in industrial and medical specialty gases and related services, providing innovative solutions for the manufacture of everyday products and for the protection of life.

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Air Liquide America Specialty Gases LLC
6141 Easton Road
Box 310
Plumsteadville, PA 18949

Phone: 800.217.2688
Fax: 215.766.2476
Email: solutions.center@airliquide.com
www.airliquide.com
www.scottgas.com

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