

# ALPHAGAZ™ 2 HELIUM / He



*ALPHAGAZ™, the simple solution to enhance your analytical performance*  
*ALPHAGAZ™ 2, the commitment to highest quality for ppm to ppb analysis*

Air Liquide's Gas Encyclopedia - Pages: 989 - 998

## Applications

Carrier gas (GC)  
 Zero gas

## Transport information

### Compressed gas cylinders

Proper shipping name	Helium, compressed
UN-Nr	1046
ADR/RID	Class 2
	Classification code 1A



## Safety Data Sheets

Compressed gas : N° EIGA061A  
 Access: <https://be.airliquide.com/>

## Physical information

Molecular weight	4 g/mol
Relative density:	
Relative density, gas	0.14 (air=1)
Colour	Colorless
Odor	Odorless
CAS number	7440-59-7

## Properties

**Hazards identification:** Asphyxiation in high concentrations

**Flammability range:** Non-flammable

**Personal protection:** Ensure adequate ventilation. For full and more detailed information, please consult the Material Safety Data Sheet (MSDS).



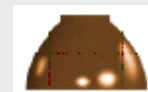
## Cylinder equipment

### Valve fittings

Cylinder: B4 - IS 21.7 x 1.814 right-hand male  
 Bundle: WW 1 1/8 right-hand male

### Shoulder colour:

Brown (RAL 8008)



## Product Specifications

Global purity (% mol) He	Impurities (ppm-mol)	Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,9999 %	H <sub>2</sub> O (5 bar) ≤ 0.5	Cylinder	10L	200 bar	2 m <sup>3</sup>	P0252S10R2A001
	O <sub>2</sub> ≤ 0.1	Cylinder	50L	200 bar	9,1 m <sup>3</sup>	P0252L50R2A001
	CO ≤ 0.1	Bundle	V12*50L	200 bar	109 m <sup>3</sup>	P0252V12R2A001
	CO <sub>2</sub> ≤ 0.1					
	CnHm ≤ 0.1					
	H <sub>2</sub> ≤ 0.1					

## Additional information

Product recommended for analysis from ppm to ppb

Shelf life: 60 months

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