

# ALPHAGAZ™ 1 AIR / Synth air



*ALPHAGAZ™, the simple solution to enhance your analytical performance*  
*ALPHAGAZ™ 1, the commitment to quality for % to ppm analysis*

## Applications

Flame gas (AAS, CLD, FID, THC...)  
 Instrumentation gas (LCMS, NMR, TGA, TOC...)  
 Purge gas (UV, FTIR...)  
 Zero gas (GC-FID, FTIR...)

## Transport information

### Compressed gas cylinders

Proper shipping name      Air, compressed  
 UN-Nr                              1002  
 ADR/RID                        Class 2  
    Classification code 1A



## Safety Data Sheets

Compressed gas : N° EIGA000A  
 Access: <https://be.airliquide.com/>

## Physical information

Molecular weight                              28.96 g/mol  
 Relative density:  
     Relative density, gas                              1 (air=1)  
 Colour    Colorless  
 Odor    Odorless  
 CAS number                                      N2 : 7727-37-9, O2 : 7782-44-7

## Properties

**Hazards identification:** Contains gas under pressure; may explode if heated.

**Flammability range:** Support combustion

**Personal protection:** None necessary



## 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:

Bright green (RAL 6018)



## Product Specifications

Global purity (% mol)	Impurities (ppm-mol)		Supply mode	Packaging size	Pressure	Capacity	Product reference
Synth air							
≥ 99,999	H <sub>2</sub> O (5 bar)	≤ 2 ppm	Cylinder	10L SMARTOP	200 bar	2 m³	P0291S10S2A001
	CO	≤ 0,5 ppm	Cylinder	50L SMARTOP	200 bar	10 m³	P0291L50S2A001
	CO <sub>2</sub>	≤ 0,5 ppm	Bundle	V12*50L	200 bar	120 m³	P0291V12R2A001
	CnHm	≤ 0,1 ppm					

## Additional information

Shelf life: 60 months

## Disclaimer

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