

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. 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:

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 ₂ O (5 bar)	≤ 2 ppm	Cylinder	10L SMARTOP	200 bar	2 m ³	P0291S10S2A001
	CO	≤ 0,5 ppm	Cylinder	50L SMARTOP	200 bar	10 m ³	P0291L50S2A001
	CO ₂	≤ 0,5 ppm	Bundle	V12*50L	200 bar	120 m ³	P0291V12R2A001
	CnHm	≤ 0,1 ppm					

Additional information

Shelf life: 60 months

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