

ALPHAGAZ 1 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

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



● Safety Data Sheet

Access: www.airliquide.no

● Physical information

Molecular weight 28.96 g/mol
Relative density, gas 1 (air=1)
Colour colourless gas
Odor none

● Properties

Hazards identification: compressed gas
Flammability range: non flammable
Personal protection: none necessary

● Cylinder equipment

Valve fittings :
G 5/8", right, internal thread, DIN 13
SMARTOP: G 5/8", right, internal thread, DIN 13
Shoulder colour: bright green (RAL 6018)



● Product Specifications

Components (% mol)			Impurities (ppm-mol)	Supply mode	Packaging size	Pressure (bar)	Capacity (m ³)	Product reference
O ₂	20 %	±1 %	H ₂ O	≤ 3	Cylinder	S10	2	P0291S10R2A001
N ₂	Balance		CO	≤ 1	Cylinder	L50 Smartop	10.1	P0291L50S2A001
			CO ₂	≤ 1	Bundle	V12	121	P0291V12R2A001
			C _n H _m (C1-C4)	≤ 0.1				

Minimum total purity: N₂ + O₂ ≥ 99.999%

Shelf life: 60 months

DISCLAIMER

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