

ALPHAGAZ 2 AIR



ALPHAGAZ, the simple solution to enhance your analytical performance

ALPHAGAZ 2, the commitment to highest quality for ppm to ppb analysis

● Applications

Flame gas (FID, FPD, THC, CLD...)
Instrumentation gas (TGA, TOC...)
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
Shoulder colour: bright green (RAL 6018)



● Product Specifications

Components (% mol)		Impurities (ppm-mol)		Supply mode	Packaging size	Pressure (bar)	Capacity (m³)	Product reference
O ₂	20.9 % ±0.2 %	H ₂ O	≤ 0.5	Cylinder	S10	200	2	P0292S10R2A001
N ₂	Balance	CO	≤ 0.1	Cylinder	L50	200	10.1	P0292L50R2A001
		CO ₂	≤ 0.1					
		C _n H _m (C1-C4)	≤ 50 ppb-mol					
		NO _x	≤ 10 ppb-mol (*)					
		SO ₂	≤ 10 ppb-mol (*)					

(*) 10 ppb = detection limit

Product recommended for environmental analysis

Minimum total purity: N₂ + O₂ ≥ 99,9999%

Shelf life: 60 months

DISCLAIMER

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