



*the simple solution to enhance your analytical performance
the commitment to quality for % to ppm analysis*

• Applications

Carrier gas (GC)
Instrumentation gas (LCMS...)
Purge & Zero gas
Cryogenic fluid (liquid N2)

• Transport information

Compressed gas

Proper shipping name Nitrogen, compressed
UN Nr 1066
ADR/RID Class 2 Classification Code 1 A



• Safety Data sheets

Access:

• Product Specification

Components (% Vol. abs) N2	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	*Capacity (m3)
≥ 99.999%	H2O ≤ 3	Cylinder	47L	150	7
	O2 ≤ 2	Cylinder	50L	200	10
	CnHm ≤ 1	Pack 16	50L	200	162

*Typical capacities of the product are guaranteed for each cylinder in particular.

• Physical information

Molecular weight 28.01 g/mol
Relative density, gas 0.97 (air=1)
Relative density, liquid 0.8 (water=1)
CAS number 7727-37-9

• Properties

Hazards identification: in high concentrations may cause asphyxiation
Flammability range: non flammable
Personal protection: ensure adequate ventilation

• Cylinder equipment

Valve: CGA 580
Cylinder color: Gray



DISCLAIMER

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