



*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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