

HELIUM UHP



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

- **Applications**

Carrier gas (GC)
Instrumentation gas (LCMS, Elemental analysis...)
Purge (TOC, Thermal analysis)
Zero gas

- **Physical information**

Molecular weight 4 g/mol
Relative density, gas 0.14 (air=1)
Relative density, liquid N/A (water=1)
CAS number 7440-59-7

- **Transport information**

Compressed gas

Proper shipping name
UN Nr
ADR/RID

Helium, compressed
1046
Class 2 Classification Code 1 A



- **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: Brown



- **Safety Data sheets**

Access:

- **Product Specification**

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

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

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