

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.

DISCLAIMER

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