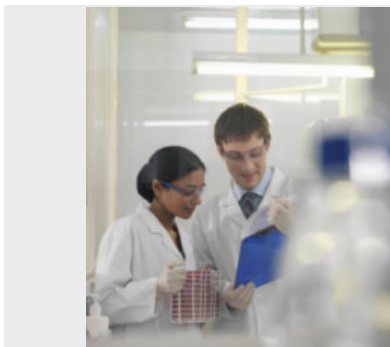


HELIUM 5.0 / He



Applications

Instrumentation Gas: Chromatography Carrier Gas
Process Gas, Purge Gas
Inerting
Protective Atmosphere, Zero Gas

Transport information

Compressed gas cylinders

Proper shipping name	Helium, compressed
UN-Nr	1046
ADR/RID	Class 2
	Classification code 1A



Safety Data Sheets

Compressed gas : SDS-061A-CLP
Access: [https://www.msds-al.co.uk/assets/file_assets/SDS-061A-CLP_Helium\(7440-59-7\).pdf](https://www.msds-al.co.uk/assets/file_assets/SDS-061A-CLP_Helium(7440-59-7).pdf)

Physical information

Molecular weight	4 g/mol
Relative density:	
Relative density, gas	0,14 (air=1)
Colour	Colorless
Odor	Odorless
CAS number	7440-59-7

Properties

Hazards identification: Contains gas under pressure; may explode under the effect of heat. Asphyxiant in high concentrations.

Flammability range: Non-flammable



Cylinder equipment

Valve fittings

BS341 - No 3
NEVOC CEN 1

Shoulder colour:

Brown (RAL 8008)



Product Specifications

Global purity (% Vol. abs) He	Impurities		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,999 %	O ₂	< 1 ppmv	Cylinder	50L	300 bar	13,6 m3	P1704L50Z3A001
	N ₂	< 4 ppmv	Bundle	V16*50L	300 bar	207,3 m3	P1704V16R3A001
	H ₂ O	< 3 ppmv	Cylinder	10L	200 bar	1,8 m3	P1704S10R2A001
	HC	< 0,5 ppmv	Cylinder	50L	200 bar	9 m3	P1704L50R2A001
	Ne	< 1 ppmv					

Additional information

Storability: 60 months

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