



Helium (He)

Specifications

	GRADE 5	GRADE 6
Purity	99.999%	99.9999%
Nitrogen	< 3 ppmv	< 400 ppbv
Oxygen	< 2 ppmv	< 50 ppbv
Carbon Dioxide	< 1 ppmv	< 100 ppbv
Carbon Monoxide	< 1 ppmv	< 50 ppbv
Methane	< 1 ppmv	< 100 ppbv
Water	< 3 ppmv	< 200 ppbv

Note: Moisture level guaranteed only when EFC Gases & Advanced Materials prepares the cylinders. All concentrations are on a mol/mol basis unless otherwise stated.

Cylinder Sizes

SIZE	FILL WEIGHT (CU.FT.)
Tube Trailer	180,000
49L/Size 300	291

Technical Data

Molecular Weight: 4.00 g/mol
 Specific Volume: 97.1 cu.ft./lb
 Pressure @ 70°F: 2000-2490
 Valve Outlet: CGA 580 DISS 718

Shipping Information

DOT Name: Helium, Compressed
 Hazard Class: 2.2
 DOT Number: UN 1046
 DOT Label: Non-Flammable Gas
 CAS Number: 7440-59-7