

## Xenon, Medical Grade.



Chemical Purity:  $\geq 99.999\%$   
cGMP Certified

Medical Grade Xenon has clinical applications in hyperpolarized magnetic resonance imaging (HPMRI), as well as xenon enhanced computed tomography (CT).

### Physical and chemical properties

Chemical Purity	$\geq 99.999\%$
Isotopic Enrichment	Natural Abundance
Melting Point	(101.325 kPa) 161.4 K-169.1 °F -111.7 °C
Boiling point	-162.62 °F -108.12 °C, (101.325 kPa) 165.03 K

### Maximum Impurities

COMPONENT	CONCENTRATION (%)
Xenon	99.999%
Nitrogen	$\leq 2.0$ ppm
Oxygen	$\leq 0.5$ ppm
Argon	$\leq 1.0$ ppm
Hydrogen	$\leq 2.0$ ppm
Krypton	$\leq 5.0$ ppm
Carbon Dioxide	$\leq 1.0$ ppm
Carbon Tetrafluoride	$\leq 0.5$ ppm
Total Hydrocarbons	$\leq 0.5$ ppm
Moisture	$\leq 0.5$ ppm

A large variety of cylinder sizes and valve options are available.  
Please inquire about specific packaging needs.

### Linde Electronics and Specialty Gases

One Greenwich Street, Suite 100, Stewartville, NJ 08886

Phone +1.908.329-9700 or +1.800.932-0624, Fax +1.908.329-9740, [www.lindeus.com](http://www.lindeus.com)