



Xenon-129, ^{129}Xe

Chemical Purity: $\geq 99.95\%$

Isotopic Enrichment: $\geq 81\%$, or $\geq 86\%$

Physical and Chemical Properties

Chemical Purity	$\geq 99.95\%$
Isotopic Enrichment	≥ 81 atom%, or ≥ 86 atom%
Natural Abundance	26.4%
Atomic Number	54
Mass Number	129
Neutron Number	75
Atomic Mass	128.904779435 amu
Spin	+1/2
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	99.95%
Nitrogen	≤ 0.5 ppm
Oxygen	≤ 0.5 ppm
Argon	≤ 0.5 ppm
Hydrogen	≤ 1 ppm
Helium	≤ 1 ppm
Neon	≤ 1 ppm
Krypton	≤ 1 ppm
Carbon Dioxide	≤ 10 ppm
Carbon Monoxide	≤ 1 ppm

For More information please contact us.

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