



# Xenon

## Product Specification Sheet

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## Xenon – A Colorless, Odorless, Nontoxic, Inert Gas

Xenon (Xe) is an odorless, colorless, nontoxic inert gas that is frequently referred to as the scarcest of the rare gases. At less than 100 ppb, xenon is one of the most rare natural gas components in our atmosphere. We offer compressed Xenon (Xe) gas in a variety of purities and produce ppm and mixtures based on your unique specifications. See chart below for a downloadable spec sheet and safety data sheet for pure xenon gas and contact us for your mixture needs.

## Specifications

### Xenon, 99.999% (Research Grade):

| Chemical Parameter | Product Specification | Unit |
|--------------------|-----------------------|------|
| Xenon              | 99.999                | %    |
| Krypton            | 1                     | ppmv |
| Oxygen             | 1                     | ppmv |
| Nitrogen           | 2                     | ppmv |
| Carbon Dioxide     | 0.5                   | ppmv |
| THC                | 0.1                   | ppmv |
| Moisture           | 0.5                   | ppmv |

#### Technical Information:

|                      |                 |
|----------------------|-----------------|
| Chemical Symbol:     | Kr              |
| Molecular Weight:    | 84.913 g/mol    |
| Specific Volume:     | 4.61 cu. ft/lb. |
| CAS Registry Number: | 7439-90-9       |

#### Shipping Information:

|                  |                  |
|------------------|------------------|
| DOT Proper Name: | Krypton          |
| Hazard Class:    | 2.2              |
| I.D. Number:     | UN 1056          |
| Labels:          | Nonflammable Gas |