

# Tungsten Hexafluoride, WF<sub>6</sub>

## Description

Tungsten Hexafluoride (WF<sub>6</sub>) is an odorless, toxic, corrosive, liquefied gas. WF<sub>6</sub> is commonly used in chemical vapor deposition for the semiconductor industry.

Properties	Units	Grades		
Tungsten Hexafluoride, WF <sub>6</sub>		99.99%	99.995%	99.999%
Carbon Dioxide, CO <sub>2</sub>	(ppmv)	<10	<1.0	<0.5
Carbon Monoxide, CO	(ppmv)	<10	<1.0	<0.5
Hydrogen Fluoride, HF	(ppmv)	<20	<10	<5
Nitrogen, N <sub>2</sub>	(ppmv)	<10	<5.0	<1.0
Oxygen/Argon, O <sub>2</sub> / Ar	(ppmv)	<10	<5.0	<1.0
Silicon Tetrafluoride, SiF <sub>4</sub>	(ppmv)	<10	<1.0	<0.5
Sulfur Hexafluoride , SF <sub>6</sub>	(ppmv)	<10	<1.0	<0.5
Tetrafluoromethane, CF <sub>4</sub>	(ppmv)	<100	<10	<1
Chromium (Cr)	(ppmw)	40	20	15
Iron (Fe )	(ppmw)	20	20	10
Potassium (K)	(ppmw)	20	10	5
Sodium (Na)	(ppmw)	20	10	5
Thorium (Th)	(ppmw)	10	10	5
Uranium (U)	(ppmw)	10	10	0.1
Total Metals	(ppmw)	1000	500	300

For specific values or requirements, please contact us.

## About Inhance Technologies

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For more than 40 years, Inhance Technologies' world-class experts have been collaborating with customers globally to create customized solutions and offer exclusive technologies.