

Chlorine Trifluoride, ClF₃

Description

Chlorine Trifluoride (ClF₃) is a colorless, liquefied gas with a pungent odor. In the semiconductor industry, this product is used to clean chemical vapor deposition chambers.

Properties	Units	Specification
Chlorine Trifluoride, ClF ₃		
Carbon Dioxide, CO ₂	(ppmv)	<90
Carbon Monoxide, CO	(ppmv)	<10
Hydrogen Fluoride, HF	(ppmv)	<160
Methane	(ppmv)	<10
Nitrogen, N ₂	(ppmv)	<35
Oxygen/Argon, O ₂ / Ar	(ppmv)	<50
Sulfur Hexafluoride , SF ₆	(ppmv)	<3.5
Tetrafluoromethane, CF ₄	(ppmv)	<5
Calcium (Ca)	(ppmw)	0.04
Chromium (Cr)	(ppmw)	0.2
Cobalt (Co)	(ppmw)	0.02
Copper (Cu)	(ppmw)	0.02
Iron (Fe)	(ppmw)	0.05
Nickel (Ni)	(ppmw)	0.04
Potassium (K)	(ppmw)	0.06
Sodium (Na)	(ppmw)	0.03

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.