



## China Supply Best Price Wholesale Best Quality C4h12si Tetramethylsilane

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: C4h12si 4MS
- Minimum Order Quantity: 200kg
- Price: US \$3000
- Packaging Details: Cylinder
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 1000Tons/year



#### Product Specification

- Product Name: Tetramethylsilane (TMS)
- Transport: By Sea
- Appearance: Colorless
- Purity: 99.999%
- Model No.: Tetramethylsilane
- Transport Package: 20L, 40L, 280L And Customizable
- Specification: Cylinder, Canister Or Tank
- Trademark: CMC
- Origin: China
- HS Code: 2812190091
- Supply Ability: 1000t/Year
- CAS No.: 75-76-3
- Formula: C4h12si
- EINECS: 200-899-1
- Constituent: Industrial Pure Air



## Product Description

### China Supply Best Price Wholesale Best Quality C4h12si Tetramethylsilane

Tetramethylsilane (TMS) is an organosilicon compound with the chemical formula  $(\text{CH}_3)_4\text{Si}$ . It consists of a central silicon atom bonded to four methyl ( $\text{CH}_3$ ) groups. TMS is a volatile liquid that is primarily used as a reference standard in nuclear magnetic resonance (NMR) spectroscopy. In NMR spectroscopy, TMS is commonly used as an internal standard for calibrating chemical shifts. It has a well-defined NMR signal at a specific resonance frequency (0 ppm) relative to which the chemical shifts of other compounds can be measured. TMS is added in small amounts to the sample being analyzed, and its signal serves as a reference point to determine the resonance frequencies of other nuclei in the sample.

TMS is highly stable and inert, which makes it a suitable reference compound in NMR spectroscopy. Its low boiling point and volatility allow it to be easily removed from the sample after analysis. TMS is also non-toxic, non-flammable, and has a low viscosity, which further contributes to its usefulness in NMR experiments.

Outside of NMR spectroscopy, TMS is used as a solvent for certain reactions or as a reagent in organic synthesis. Its methyl groups can be substituted with other functional groups, allowing for the preparation of various organosilicon compounds. TMS is also employed as a protective group for reactive functional groups during chemical transformations.

#### Basic Info.

Model No:	C4H12si	Transport Package	Cylinder, Canister or Tank
Specification:	20L,40L,280L and customizable	Trademark	CMC
Origin:	Suzhou,China	HS Code	2812190091
Production Capacity:	1000t/Year		

#### The COA of Product:

Test Items		Unit	Test Results
Purity	Si(CH <sub>3</sub> ) <sub>4</sub> (ICP-MS)	%	>99.99999
	Si(CH <sub>3</sub> ) <sub>4</sub> (GC)	%	99.99
Impurities	Li	ng/g	<0.05
	B	ng/g	0.16
	Na	ng/g	0.05
	Mg	ng/g	<0.05
	Al	ng/g	0.14
	K	ng/g	0.16
	Ca	ng/g	0.05
	Ti	ng/g	<0.05
	Cr	ng/g	<0.05
	Mn	ng/g	<0.05
	Fe	ng/g	0.21
	Co	ng/g	<0.05
	Ni	ng/g	<0.05
	Cu	ng/g	<0.05
	Zn	ng/g	<0.05
	V	ng/g	<0.05
	Cl		<0.05

Company

Profile

#### Company Information:

Shanghai Kemike Chemical Co., Ltd is staffed by trained personnel, combine many years experience in Gas industry .We supply cylinder gas, electronic gas, etc ., and the gas holder, panel, valves and fittings and other equipment, parts and engineering services to our customers in China and worldwide; The products are involved in various industrial fields, such as semiconductor chip, solar cell, LED, TFT-LCD, optical fiber, glass, laser, medicine , etc., Our mission is to partner with our global customers to provide support, solutions and quality products that are innovative, reliable, and safe.

Our products mainly include: H<sub>2</sub>, O<sub>2</sub>, N<sub>2</sub>, Ar, CO<sub>2</sub>, propane, acetylene, helium, laser mixed gas, SiH<sub>4</sub>, SiH<sub>2</sub>Cl<sub>2</sub>, SiHCl<sub>3</sub>, SiCl<sub>4</sub>, NH<sub>3</sub>, CF<sub>4</sub>, NF<sub>3</sub>, SF<sub>6</sub>, HCL, N<sub>2</sub>O, doping mixed gas (TMB, PH<sub>3</sub>, B<sub>2</sub>H<sub>6</sub>) and other electronic gases.

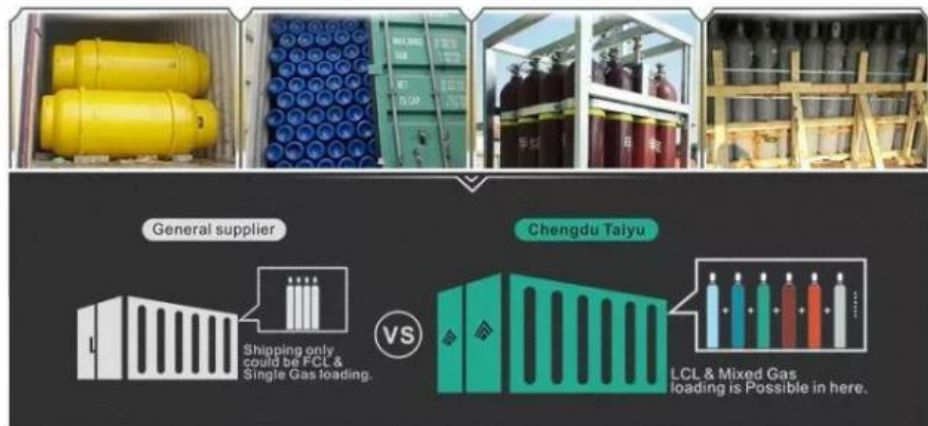
Detailed

Photos



Packaging &  
Shipping

## PACKING & SHIPPING



# About us



SiCl <sub>4</sub>	NH <sub>3</sub>	NH <sub>3</sub>	CH <sub>3</sub> F	SiH <sub>4</sub>	Kr	H <sub>2</sub> S	WF <sub>6</sub>	F <sub>6</sub> +Cl <sub>2</sub>
4MS	C <sub>3</sub> F <sub>8</sub>	C <sub>3</sub> F <sub>8</sub>	TEOS	CH <sub>4</sub>	PH <sub>3</sub>	SF <sub>6</sub>	C <sub>2</sub>	HCl+Ne
CF <sub>4</sub>	C <sub>4</sub> F <sub>8</sub>	SiH <sub>2</sub>						TMB+H <sub>2</sub>
SiF <sub>4</sub>	C <sub>3</sub> H <sub>8</sub>	Cl <sub>2</sub>						He +As
BBr <sub>3</sub>	C <sub>3</sub> H <sub>6</sub>	DCE						Ge+Se
POCl <sub>3</sub>	N <sub>2</sub>	SO <sub>2</sub>						D+B
BCl <sub>3</sub>	D <sub>2</sub>	CO <sub>2</sub>						CO+NO
SiHCl <sub>3</sub>	CH <sub>2</sub> F <sub>2</sub>	HF						Ar+O <sub>2</sub>
TMAI	DMZn	DEZn						Xe+NO
			AsH <sub>3</sub>	C <sub>2</sub> H <sub>4</sub>	C <sub>2</sub> H <sub>2</sub>	HBr	COS	
			GeH <sub>4</sub>	C <sub>2</sub> H <sub>6</sub>	B <sub>2</sub> H <sub>6</sub>	H <sub>2</sub> Se	GeCl <sub>4</sub>	





**Q: What is the min order?**

A: Different products have different min orders. It depends on the kind the gas and the cylinder specifications. Please feel free to contact me directly for your requirement.

**Q: What is the package & storage details?**

A: Seamless steel cylinder with different valves, or as to your requirement.  
Stored in the shady, cool, dry, ventilated warehouse, and keep away from sunlight and ramming.

**Q: Shall we send back the cylinders to China to refill the gas again?**

A: Yes, when you ordered our cylinders, next time, you can send back the cylinders to fill gas again. You just need to tell us before you export. We will handle all the import customs clearance formalities.

**Q: What are your company's main sales products?**

A: We mainly supply electronics specialty gas and mixtures needed by the electronics industry, such as NH<sub>3</sub>, SiH<sub>4</sub>, C<sub>4</sub>F<sub>8</sub>, O<sub>2</sub>, CF<sub>4</sub>, CO<sub>2</sub>, TEOS, etc.

**Q: How to ensure the quality of your products?**

A: We have passed the ISO 9001:2015 quality management system certification and ISO 14001:2015 environmental management system certification.

**Q: How do you ship the product?**

A: Usually we ship products by ocean shipping

**Q: What is your advantage over other competitors?**

A: We are a factory with excellent equipment and a high-quality control system, and our factory price is more competitive, fast shipment with high quality.  
We have a full-time after-sales service providing solutions to various problems. After-sales service engineers standby 24 hours a day, and respond to customer needs when necessary at the first time.