



## China High Purity Best Price 5n C<sub>4</sub>H<sub>12</sub>Si (4MS) C<sub>4</sub>H<sub>12</sub>Si Tetramethylsilane

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: C<sub>4</sub>H<sub>12</sub>Si 4MS
- Minimum Order Quantity: 200kg
- Price: US \$300
- Packaging Details: Cylinder
- Delivery Time: 30 days
- Payment Terms: L/C, T/T
- Supply Ability: 1000Tons/year



### Product Specification

- Product Name: Tetramethylsilane (TMS)
- Appearance: Colorless
- Transport: By Sea
- Purity: 99.999%
- Model No.: Tetramethylsilane
- Transport Package: Tank
- Specification: Tank
- Trademark: CMC
- Origin: China
- HS Code: 2812190091
- Supply Ability: 1000t/Year
- CAS No.: 75-76-3
- Formula: C<sub>4</sub>H<sub>12</sub>Si
- EINECS: 200-899-1
- Constituent: Pharmaceutical Intermediates



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## Product Description

### Product Description

C<sub>4</sub>H<sub>12</sub>Si is the chemical formula for a compound called tetramethylsilane (TMS). Here's some information about it:

Structure: Tetramethylsilane (TMS) consists of a central silicon (Si) atom bonded to four methyl (CH<sub>3</sub>) groups. The molecule has a tetrahedral arrangement, with each methyl group positioned around the silicon atom.

Properties: TMS is a colorless liquid with a relatively low boiling point of around 26 degrees Celsius (79 degrees Fahrenheit). It has a relatively high vapor pressure and is highly flammable.

Uses:

NMR spectroscopy: TMS is primarily used in nuclear magnetic resonance (NMR) spectroscopy as a reference standard. It is added to samples in NMR experiments to provide a known reference signal at a specific chemical shift (0 ppm) in the spectrum. This allows researchers to calibrate their NMR measurements and determine the chemical shifts of other compounds accurately.

Chemical synthesis: TMS can be used as a reactant or a protecting group in organic synthesis. It can participate in various reactions, such as hydrosilylation and cross-coupling reactions, to introduce a silicon-containing group into organic molecules.

Solvent: TMS is used as a solvent or diluent for certain reactions or processes, particularly in the field of silicon chemistry.

Safety considerations: TMS is flammable and should be handled with caution. It should be stored and used in well-ventilated areas away from ignition sources. Like any other chemical, proper safety procedures should be followed when handling TMS, including the use of appropriate protective equipment.

#### Basic Info.

Model No:	C <sub>4</sub> H <sub>12</sub> Si	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
	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.

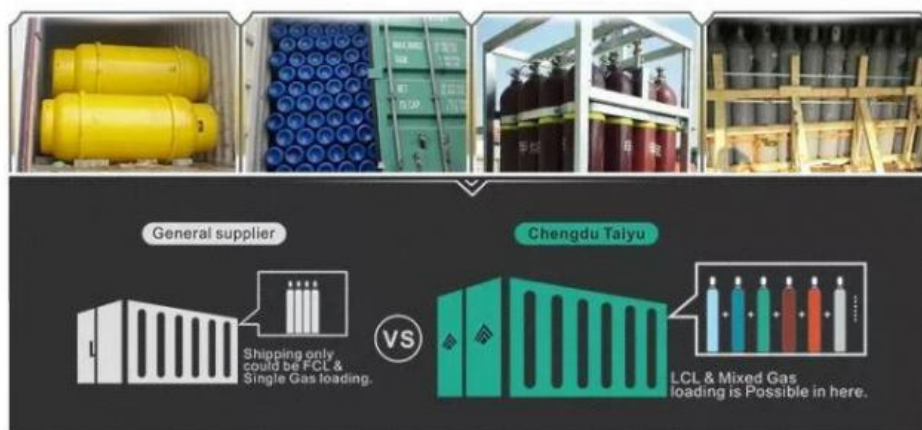
Our products mainly include: H<sub>2</sub>, O<sub>2</sub>, N<sub>2</sub>, Ar, CO<sub>2</sub>, propane, acetylene, helium, laser mixed gas, SiH<sub>4</sub>, SiH<sub>2</sub>Cl<sub>2</sub>, SiHCl<sub>3</sub>, SiCl<sub>4</sub>, NH<sub>3</sub>, CF<sub>4</sub>, NF<sub>3</sub>, SF<sub>6</sub>, HCL, N<sub>2</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



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