

Cylinder Gas High Purity Semiconductor industry Gas C4h12si 4MS Tetramethylsilane

Basic Information

Place of Origin: ChinaBrand Name: CMCCertification: 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: 1000Ton/year



Product Specification

• Product Name: Tetramethylsilane (TMS)

Appearance: ColorlessTransport: By SeaPurity: 99.999%

Model No.: Tetramethylsilane

• Transport Package: 20L, 40L, 280L And Customizable

• Specification: Cylinder, Canister Or Tank

HS Code: 2812190091
Supply Ability: 1000t/Year
CAS No.: 75-76-3
Formula: Si (CH3) 4
EINECS: 200-899-1

Constituent: Industrial Pure Air
 Grade Standard: Electronic Grade
 Chemical Property: Inflammable Gas



More Images









Product Description

High Purtiy Tetramethylsilane Specialty Gas Cylinder Company C4h12si 4MS

Tetramethylsilane (TMS), also known as tetramethylsilicon, is an organosilicon compound with the chemical formula (CH₃)₄Si. It is a volatile liquid that is commonly used as a reference standard in nuclear magnetic resonance (NMR) spectroscopy.

TMS is highly symmetrical and chemically inert, making it an ideal compound for NMR analysis. It is often added to samples in NMR experiments as an internal standard, against which the chemical shifts of other compounds can be measured. The hydrogen atoms in TMS produce a single peak in the NMR spectrum at a known frequency, which serves as a reference point for determining the chemical shifts of other signals in the spectrum. TMS is a clear, colorless liquid with a faint odor. It has a boiling point of 26-27 degrees Celsius and a low freezing point of -79 degrees Celsius. It is soluble in most organic solvents, including common NMR solvents like deuterated chloroform (CDCl₃) or deuterated dimethyl sulfoxide (DMSO-

In addition to its use in NMR spectroscopy, TMS also finds applications as a chemical intermediate and as a reagent in organic synthesis. It can be used as a silylating agent to protect functional groups during chemical reactions or to derivatize compounds for analysis. TMS is also employed in the production of silicone polymers and as a precursor for other organosilicon compounds.

Overall, tetramethylsilane is an important compound in the field of NMR spectroscopy and has various uses in organic chemistry and materials science.

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

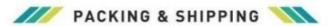
The COA of Product:

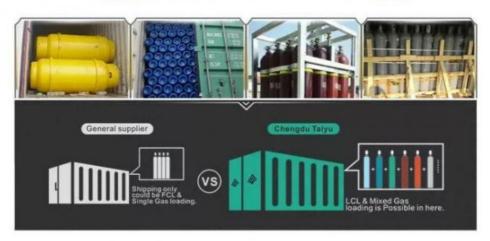
Test Items		Unit	Test Results
Purity	Si(CH3)4(ICP-MS)	96	>99.99999
	Si(CH3)4(GC)	%	99.99
Impurities	ü	ng/g	<0.05
	В	ng/g	0.16
	Na	ng/g	0.05
	Mg	ng/g	<0.05
	Al	ng/g	0.14
	К	ng/g	0.16
	Ca	ng/g	0.05
	Ti	ng/g	<0.05
	Cr	ng/g	<0.05
	Mn	ng/g	<0.05
	Fe	ng/g	0.21
	Co	ng/g	<0.05
	NI	ng/g	<0.05
	Cu	ng/g	<0.05
	Zn	ng/g	<0.05
	V	ng/g	<0.05
CI	CI		<0.05

Detailed Photos



Packaging & Shipping







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: H2, O2, N2, Ar, CO2, propane, acetylene, helium, laser mixed gas, SiH4, Sih2cl2, SiHCL3, SiCL4, NH3, CF4, NF3, SF6, HCL, N2O, doping mixed gas (TMB, PH3, B2H6) and other electronic gases.

CH3F H₂S F6+CI2 WF6 SiCI4 NH3 NH3 SiH4 Kr

C2 C3F8 C3F8 **TEOS** CH4 PH₃ SF6 HCI+Ne 4MS

SiH2 CF4 C4F8

SiF4 **C3H8** CI2

DCE BBr3 **C3H6**

POCI3 SO2 N2

BCI3 D2 CO₂

SiHCI3

CH2F2 **TMAI**

DMZn DEZn

HF

AsH3

GeH4

C2H4

C2H6

B2H6

C2H2

H2Se

HBr

GeCl4

COS

Ar+O2

TMB+H2

He +As

Ge+Se

D+B

CO+NO

Xe+NO







Shanghai Kemike Chemical Co.,Ltd

