

## Carbonyl Sulphide

### COS

Carbonyl sulphide is manufactured by a chemical synthesis method and then purified by distillation.

### Standard Specifications

<b>PURITY / ASSAY</b>	<b>3.0</b>
<b>IMPURITIES (MOL %)</b>	<b>99.9%</b>
<b>Hydrogen</b>	< 5 ppmv
<b>Nitrogen</b>	< 100 ppmv
<b>Oxygen</b>	< 100 ppmv
<b>Carbon Disulphide</b>	< 100 ppmv
<b>Moisture</b>	< 100 ppmv
<b>Carbon Monoxide</b>	< 30 ppmv
<b>Carbon Dioxide</b>	< 300 ppmv
<b>Methane</b>	< 10 ppmv
<b>Total Impurities</b>	< 1000 ppmv

\*\*Moisture Specification only guaranteed if cylinders prepared by AGT International

### Standard Cylinder Sizes and Fill Volumes

#### CYLINDER INFORMATION

CYLINDER SIZE	FILL VOLUME (KG)
H44	25

### Technical Information

TECHNICAL DATA		SHIPPING INFORMATION	
<b>Molecular Weight (g/mol)</b>	60.07	<b>Shipping Name</b>	Carbonyl Sulphide
<b>Liquid Density (kg/m<sup>3</sup>)</b>	1178	<b>Hazard Class</b>	2.1
<b>Gas Density (kg/m<sup>3</sup>)</b>	3.2	<b>UN No.</b>	2204
<b>Boiling Point (0<sup>c</sup>)</b>	-50.23	<b>Hazard Label</b>	Flammable Gas
<b>Specific Volume (m<sup>3</sup>/kg)</b>	0.406	<b>CAS No.</b>	463-58-1
<b>Vapour Pressure (bar.a)</b>	N/A		
<b>Valve Outlet</b>	CGA 330		

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AGT International provides businesses with Shorter lead times, Higher Inventory Levels, Guaranteed Quality and Lower Costs.

#### PRODUCTS

AGT International supplies a comprehensive range of hydrocarbon gases and liquids and associated special gases.

#### CYLINDERS

AGT International has a wide range of cylinders and bulk containers available for either purchase or rent as well as being able to fill customer owned cylinders.

#### CONTACT

Please contact us if the specification you require is not shown above. AGT International is able to custom manufacture different specifications according to your requirements.  
<http://www.agti.biz/>