

100% CO<sub>2</sub> - Product Code 58133



## Cylinder and pack specifications

<b>Mixture</b>	100% CO <sub>2</sub>
<b>Fill pressure</b>	Liquid
<b>Cylinder content</b>	34 Kg
<b>Size</b>	X47
<b>Height</b>	1160mm-1170mm
<b>Weight</b>	104 Kg
<b>Valve</b>	BS8
<b>Body colour</b>	Blue Lilac
<b>Shoulder colour</b>	Dusty Grey

As a specialist supplier of premium gas products for use in the food and beverage industry, Air Products is dedicated to supporting customers with technical expertise and comprehensive applications knowledge. Whether you are using a gas or liquid for food or beverage production as a processing aid, ingredient or additive, our specification for food grade products comply with relevant food safety legislation.

## Food Grade gases specifications (EU Directive)

	CO <sub>2</sub>	N <sub>2</sub>	O <sub>2</sub>	Ar	H <sub>2</sub>
<b>E number if used as additive</b>	E290	E941	E948	E938	E949
<b>Minimum total purity</b>	≥99%	≥99%	≥99%	≥99%	≥99.9%
<b>H<sub>2</sub>O</b>		≤0.05%	≤0.05%	≤0.05%	≤50ppm
<b>CO</b>	≤10ppm	≤10ppm			
<b>NO/NO<sub>2</sub></b>		≤10ppm			
<b>THC as CH<sub>4</sub></b>		≤100ppm	≤100ppm	≤100ppm	
<b>O<sub>2</sub></b>		≤1%			≤10ppm
<b>Oil</b>	≤5mg/kg				
<b>N<sub>2</sub></b>					≤0.07%
<b>Acidity</b>	pass test				
<b>Reductors</b>	pass test				

Concentrations expressed in volume.

## EU traceability/quality regulations:

- Food Safety - including regulation (EC) No 178/2002
- Food Hygiene - including regulation (EC) No 852/2004
- Food Additives - including regulation (EC) No 1333/2008 and Commission Regulation (EU) No 231/2012
- Materials in Contact with Food - including Regulation (EC) 1935/2004

Air Products' Food Grade Gases exceed the purity criteria specified in the Commission Regulation (EU) No 231/2012 and it consequently conforms with the EU Purity criteria for Food additive gases. If you require further information regarding product specifications, please contact your Air Products representative.

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