Freshline® food grade gas product datasheet

40% CO_2 / 30% O_2 / 30% N_2 - Product Code 58126

Cylinder and pack specifications

Mixture	40% CO_2 / 30% O_2 / 30% N_2
Fill pressure	172 bar
Cylinder content	10.93 m^3
Size	X47
Height	1160mm-1170mm
Weight	86.5 Kg
Valve	BS3 RPV with Dip Tube
Body colour	Blue Lilac
Shoulder colour	Light Blue

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)

	CO2	N2	O2	Ar	H2
E number if used as additive	E290	E941	E948	E938	E949
Minimum total purity	≥99%	≥99%	≥99%	≥99%	≥99.9%
H_2O		≤0.05%	≤0.05%	≤0.05%	≤50ppm
CO	≤10ppm	≤10ppm			
NO/NO_2		≤10ppm			
THC as CH4		≤100ppm	≤100ppm	≤100ppm	
O_2		≤1%			≤10ppm
Oil	≤5mg/kg				
N_2					≤0.07%
Acidity	pass test				
Reductors	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.

from that stated above. The above information is for guidance purposes only.