

30% CO₂ / 70% O₂ - Product Code 58143



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.

Cylinder and pack specifications

| | |
|-------------------------|--|
| Mixture | 30% CO ₂ / 70% O ₂ |
| Fill pressure | 200 bar |
| Cylinder content | 12.29 m ³ |
| Size | X47 |
| Height | 1160mm-1170mm |
| Weight | 88.53 Kg |
| Valve | BS3 RPV with Dip Tube |
| Body colour | Blue Lilac |
| Shoulder colour | Light Blue |

Food Grade gases specifications (EU Directive)

| | CO ₂ | N ₂ | O ₂ | Ar | H ₂ |
|-------------------------------------|-----------------|----------------|----------------|---------|----------------|
| E number if used as additive | E290 | E941 | E948 | E938 | E949 |
| Minimum total purity | ≥99% | ≥99% | ≥99% | ≥99% | ≥99.9% |
| H₂O | | ≤0.05% | ≤0.05% | ≤0.05% | ≤50ppm |
| CO | ≤10ppm | ≤10ppm | | | |
| NO/NO₂ | | ≤10ppm | | | |
| THC as CH₄ | | ≤100ppm | ≤100ppm | ≤100ppm | |
| O₂ | | ≤1% | | | ≤10ppm |
| Oil | ≤5mg/kg | | | | |
| N₂ | | | | | ≤0.07% |
| Acidity | pass test | | | | |
| Reducers | 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.

[tell me more](#)

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