

Oxygen & Argon Works Ltd.	Spec.No.G-08.005	
Product Manufacturing Control	Issue: A	Date: 16.12.2009
GAS SPECIFICATION	Sheet 1 of 1	

CARBON DIOXIDE - Food Grade - 99.0%
(Meeting the JECFA requirements)

Typical Impurity Limits:

Carbon dioxide:	≥ 99.0%
Phosphine, Hydrogen sulphide and other organic reducing substances:	pass test per JECFA test method
Acidity	pass test per JECFA test method
Carbon monoxide:	≤ 10 ppm bv
None Volatile hydrocarbon (Oil):	≤ 10.0 ppm bw
Volatile hydrocarbon (THC as methane):	≤ 50.0 ppm bv
Moisture:	≤ 50 ppm bv
Odor:	odorless

Above specification applies to Carbon Dioxide to be used in the preparation and packaging of food products.

This grade meets the requirements of JECFA for CO₂ used in the food industries.

Quality Assurance - According to Suppliers' QC procedures and per the company QC Procedure No.: 07.01.

Manufacture - By a fermentation process or from the burning of a fuel.


Packing & Distribution - As a liquid in high pressure gas cylinders.

Valve Outlet Thread - According to IS 637 part 3.

[21.7mm Whitworth, 14 teeth/", Male, Cylindrical, right hand, with rupture disk]

Approved Suppliers - GORDON GASES, MAXIMA, MACHTESHIM.

Hazardous Materials Codes			
	U.N. No.	Emergency Actions	Hazard Class
GAS	1013	2T	2.2

Originator : Meir Ben Ishay	Date: 16.12.2009	Signature: 
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