

Beverage Carbonation Gas Standards

(Carbon Dioxide CO2, Nitrogen N2)

YIGAS INTERNATIONAL LIMITED

1. Overview

Beverage carbonation gases ensure consistent taste, freshness, and foam control. YIGAS offers CO2 and N2 for breweries, soda filling, and food processing plants.

2. Technical Specifications

Gas	Purity Level	Typical Phase	Temperature Range	Common Pressure
CO2	≥99.9%	Liquid / Gas	-78.5 °C	10—60 bar
N2	≥99.999%	Liquid / Gas	-196 °C	5—200 bar

3. Industrial Standards

All gases comply with:

- EIGA Doc 70/18 – Food-grade CO2 guidelines
- ISO 22000 – Food safety management
- GB 10621–2014 – Beverage-grade CO2

4. Applications

- CO2: Soft drink carbonation, beer kegs, wine preservation
- N2: Dispense systems, foaming control, packaging atmosphere

5. Packaging & Supply

Cylinder • Dewar Tank • MicroBulk • On-site Generation

6. Contact Information

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*This document provides reference specifications for YIGAS beverage carbonation gases.
Customized supply and technical support are available upon request.*