

Beverage Carbonation



A premium solution for beverage-grade carbon dioxide that has been specially-designed for carbonation applications

- Meets the most stringent ISBT* CO₂ specifications
- Ensures CO₂ product compliance to the highest food safety standards- FSSC** 22000
- Includes the implementation of a Food Safety Management System within Air Liquide's CO₂ supply chain
- Provides proof of compliance documentation for inspections and internal audits

ALIGAL™ Drink

Quality you can rely on...

- Beverage grade gases compliant with the latest ISBT guidelines, E290 European specifications and local regulations
- Traceability and product recall systems are in place
- Easy access to proof of compliance documentation, including Certificates of Conformity with each delivery
- Customized CO₂ storage vessel installations for beverage manufacturers

Reliability when you need it...

- The same quality & consistency anywhere in the world
- Local availability supported by an extensive production and distribution network to ensure continuous supply particularly during unforeseen events
- Different storage vessel sizes to adapt to your changing gas requirements
- Automated re-ordering services to ensure continuous supply

Food safety to protect your beverages...

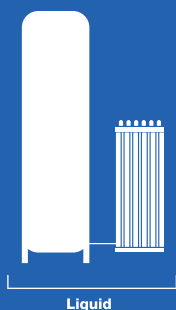
- Manufactured exclusively in FSSC 22000 certified CO₂ production facilities
- HACCP*** methodology has been implemented at all production facilities and throughout the distribution network, up until the inlet connection of the CO₂ storage installation
- Protects your product's brand name
- Avoids costly product recalls

ALIGAL™ DRINK is your guarantee for consistent quality and purity, worldwide:

Products Specifications			
CO ₂	> 99.9%	Acetaldehyde (C ₂ H ₄ O)	≤ 0.2 ppm v/v
H ₂ O	≤ 20 ppm v/v	Aromatic Hydrocarbons	≤ 0.02 ppm v/v
O ₂	≤ 30 ppm v/v	NH ₃	≤ 2.5 ppm v/v
CO	≤ 10 ppm v/v	SO ₂	≤ 1 ppm v/v
NO/NO ₂	≤ 2.5 ppm v/v (each)	Odor of solid CO ₂ (snow)	no foreign odor
Total Sulfur (S)	≤ 0.1 ppm v/v	Appearance of solid CO ₂ (snow)	no foreign appearance
Non Volatile Residue	≤ 10 ppm w/w	Appearance in water	no color or turbidity
Total Volatile Hydrocarbons (as CH ₄)	≤ 50 ppm v/v incl. 20 ppm v/v max. as total non-methane hydrocarbons	Odor & taste in water	no foreign odor or taste
Non Volatile Organic Residue	≤ 5 ppm w/w	"Acidity" test	test passed
Methanol (CH ₃ OH)	≤ 10 ppm v/v	"Reducing substances + hydrogen phosphide & sulfide" test	test passed

* International Society of Beverage Technologists
** Food Safety System Certification
*** Hazard Analysis and Critical Control Points

ALIGAL™ DRINK is available in bulk supply mode



www.airliquide.com



Air Liquide is a world leader in gases, technologies and services for industry and healthcare. Present in 72 countries with 67,800 employees, the Group serves more than 4 million customers and patients.