

ALPHAGAZ CO₂ SFC



SFC advantages

- ✓ Chiral separations
- ✓ No organic solvents
- ✓ High throughput
- ✓ Highly reproducible



ALPHAGAZ™ CO₂ SFC in deep tube cylinders ensures:

QUALITY

- ☐ Dedicated steel cylinders
- ☐ Specific production procedures including
 - Cylinder treatment & equipment
 - Product qualification
 - Quality controls
- ☐ Targeted product specifications
 - Critical specifications on NVOG (Non Volatile Organic Compounds) and moisture in liquid phase CO₂
 - In harmony with the European Pharmacopoeia
 - Particle filter at point of use (optional)

GAS TRACEABILITY

- ☐ Product tag attached to each cylinder or bundle with Certificate of Compliance
- ☐ Batch identification label

SAFE AND EASY HANDLING

- Specific ALPHAGAZ cylinder features

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ALPHAGAZ™ CO₂ SFC

- is the right solution for the supplying of liquide CO₂ for analytical and preparative SFC systems in pharmaceutical Research and Development.
- delivers liquid CO₂ under pressure in deep tube cylinders that ensures reliable and reproducible analysis.
- grade is adjusted to chromatography and Pharmacopoeia purity requirements.
- guarantees the right specifications for analytical and preparative SFC systems

ALPHAGAZ™ CO ₂ SFC	
Minimum total purity	> 99,998 %
H ₂ O	< 5 ppm
O ₂	< 2 ppm
C _n H _m (1)	< 2 ppm
N.V.O.C (2)	< 2 ppm
CO	< 5 ppm
NO + NO ₂	< 2 ppm
S total	< 1 ppm
H ₂	< 0,5 ppm

(1) Hydrocarbons in Gas Phase (2) Hydrocarbons in Liquid Phase

Packaging	Pressure (bar at 25° C)	Fitting	Content (kg)	Shelf Life (month)	Part Number
Cylinder B50 DT	60	W 21.8 x 1/14" right	37	60	P0214L50T0A
Bundle 12x50 DT	60	W 21.8 x 1/14" right	450	60	P0214V12T0A