

# ALPHAGAZ Mix Calibration 10% H<sub>2</sub>, 10% CO<sub>2</sub>/NITROGEN



## Applications

Anaerobic Culture Growth

## Transport information

### Compressed gases

|                      |                                                                 |
|----------------------|-----------------------------------------------------------------|
| Proper shipping name | Compressed gas, flammable,<br>n.o.s. (Hydrogen, Carbon dioxide) |
| UN-Nr                | 1954                                                            |
| ADR/RID              | Class 2                                                         |
|                      | Classification code 1 F                                         |



## Safety Data Sheets

Compressed gas : SDS 00222

Access: [https://www.msds-al.co.uk/assets/file\\_assets/SDS\\_00222\\_10\\_\\_Hydrogen,\\_10\\_\\_Carbon\\_dioxide\\_in\\_Nitrogen.pdf](https://www.msds-al.co.uk/assets/file_assets/SDS_00222_10__Hydrogen,_10__Carbon_dioxide_in_Nitrogen.pdf)

## Physical information

|            |                                                                                    |
|------------|------------------------------------------------------------------------------------|
| Colour     | Colorless                                                                          |
| Odor       | Odorless                                                                           |
| CAS number | H <sub>2</sub> : 1333-74-0, CO <sub>2</sub> : 124-38-9, N <sub>2</sub> : 7727-37-9 |

## Properties

**Hazards identification:** Contains gas under pressure; may explode if heated.

**Flammability range:** Flammable



## Cylinder equipment

### Valve fittings

BS341 - No 4

### Shoulder colour:

Grey (RAL 7037)



## Product Specifications

| Components<br>(% Vol. abs) |            | Impurities | Supply mode | Packaging size | Pressure | Capacity | Product reference |
|----------------------------|------------|------------|-------------|----------------|----------|----------|-------------------|
| H <sub>2</sub>             | 10 % ± 10% |            | Cylinder    | 50L            | 200 bar  | 9,93 m3  | P5637L50R2A001    |
| CO <sub>2</sub>            | 10 % ± 10% |            |             |                |          |          |                   |
| N <sub>2</sub>             | Balance    |            |             |                |          |          |                   |

## Additional information

Storability: 36 months

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