

Proposed CO₂ Specification

Status August 2022

| Component | Proportions |
|---|---------------|
| Carbon dioxide (CO ₂) | > 98 vol.-% |
| Water (H ₂ O) | < 30 ppmv |
| Hydrogen sulphide (H ₂ S) | < 10 ppmv |
| Total sulphur (S) | < 30 ppmv |
| Nitrogen (N ₂) | < 2 vol.-% |
| Argon (Ar) | < 0,25 vol.-% |
| Oxygen (O ₂) | < 30 ppmv |
| Hydrocarbons (C _x H _y) | < 0,25 vol.-% |
| Carbon monoxide (CO) | < 100 ppmv |
| Nitrogen oxides (NO _x) | < 1 ppmv |
| Sulphur oxides (SO _x) | < 1 ppmv |
| Dust | < 1 ppm |
| Amines | < 1 ppmv |
| Hydrogen (H ₂) | < 1 vol.-% |
| Mercury (Hg) | < 5 ppbv |
| Ammonia (NH ₃) | < 10 ppmv |

