

Quality specification for liquified CO₂

Component	Concentration, ppm (mol)
Water (H ₂ O)	≤ 30
Oxygen (O ₂)	≤ 10
Sulphur oxides (SO _x)	≤ 10
Nitric oxide/Nitrogen dioxide (NO _x)	≤ 10
Hydrogen sulphide (H ₂ S)	≤ 9
Carbon monoxide (CO)	≤ 100
Amine	≤ 10
Ammonia (NH ₃)	≤ 10
Hydrogen (H ₂)	≤ 50
Formaldehyde	≤ 20
Acetaldehyde	≤ 20
Mercury (Hg)	≤ 0.03
Cadmium (Cd), Thallium, (Tl)	Sum ≤ 0.03



Non-condensable gases are components that, when pure, will be in gaseous form at 15 barg and -26°C. The content of non-condensable gasses will be limited by the actual solubility of the liquid CO₂ in the interim storage tanks at the capture plants.