

# Carbon dioxide CO<sub>2</sub>

Specification	Value
Volume fraction of carbon dioxide	99,80%
Volume fraction of carbon oxide	0,1 mg / kg
Mass concentration of mineral oils and mechanical impurities	0,1 mg / kg
Mass fraction of water, max	0,0
Mass concentration of water vapor at 20 °C and pressure 101,3 kPa's (760 mm of mercury), max	0,037 g / m <sup>3</sup>
Which corresponds to the saturation temperature of carbon dioxide with water vapor at pressure 101,3 kPa's (760 mm of mercury) at a temperature of 20 °C, max	- 48 °C
Presence of hydrogen sulfide	stands the test
Presence of hydrochloric acid	stands the test
The presence of sulfurous and nitrous acids and organic compounds (alcohols, esters, aldehydes and organic acids)	stands the test
Presence of ammonia and ethanolamines	stands the test
Presence of smell and taste	stands the test
Presence of aromatic hydrocarbons	stands the test
Presence of vanadium oxides	stands the test