

Specification Limits

The instrument has passed calibration when the measurement result is within the specification limit.

The specification limit takes into account the measurement uncertainty.

Method LP004: - GA5000 range / BIOGAS 3000		
Gas Mix, Nominal Concentration	Gas Channel	Specification Limit
60% CH4 / 40% CO2 bal. N2	CH4	± 1.32%
	CO2	± 1.04%
15% CH4 / 15% CO2 bal. N2	CH4	± 0.73%
	CO2	± 0.73%
5% CH4 / 5% CO2 bal. N2	CH4	± 0.422%
	CO2	± 0.424%
20.9% O2 bal. N2	O2	± 0.45%

Method LP004: - GA2000 range		
Gas Mix, Nominal Concentration	Gas Channel	Specification Limit
60% CH4 / 40% CO2 bal. N2	CH4	± 1.62%
	CO2	± 1.29%
15% CH4 / 15% CO2 bal. N2	CH4	± 0.83%
	CO2	± 0.83%
5% CH4 / 5% CO2 bal. N2	CH4	± 0.522%
	CO2	± 0.524%
20.9% O2 bal. N2	O2	± 0.65%

Method LP018: - G100		
Gas Mix, Nominal Concentration	Gas Channel	Specification Limit
0% CO2, 100% N2	CO2	± 0.114%
2.5% CO2, bal. N2	CO2	± 0.244%
5% CO2, bal. N2	CO2	± 0.26%
10% CO2, bal. N2	CO2	± 0.3%
0% O2, 100% N2	O2	± 0.24%
5% O2, bal. N2	O2	± 0.4%
21% O2 bal. N2	O2	± 0.5%