

The Certified Reference Mixtures (CRMs) listed are available in broad composition ranges. Within these ranges any composition can be supplied.

Descriptions	Matrix	Nominal Fraction Range
Single-component		(mol/mol)
Carbon monoxide (CO)	Nitrogen	$(1 - 100) \times 10^{-6}$
		$(0.1 - 10) \times 10^{-2}$
Carbon dioxide (CO ₂)	Nitrogen	$(10 - 1000) \times 10^{-6}$
		$(0.1 - 20) \times 10^{-2}$
Oxygen (O ₂)	Nitrogen	$(1 - 1000) \times 10^{-6}$
		$(0.1 - 22) \times 10^{-2}$
Methane (CH ₄)	Nitrogen	$(2 - 1000) \times 10^{-6}$
		$(0.1 - 1) \times 10^{-2}$
Multi-components		(mol/mol)
Vehicle emission		
Carbon monoxide (CO)	Nitrogen	$(0.5 - 5) \times 10^{-2}$
Carbon dioxide (CO ₂)		$(6 - 14) \times 10^{-2}$
Propane (C ₃ H ₈)		$(0.5 - 21) \times 10^{-2}$
Oxygen (O ₂)		$(0.1 - 21) \times 10^{-2}$
Greenhouse gases		
Methane (CH ₄)	Nitrogen	$(0.1 - 10) \times 10^{-6}$
Carbon dioxide (CO ₂)		$(40 - 400) \times 10^{-6}$