

107.2 - Carbon Dioxide in Nitrogen

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit Size	Carrier Gas	Certified Component	Nominal Amount-of-substance fraction
1674b*	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 7 % mol/mol)	6 L cylinder	Nitrogen	CO ₂	7 % mol/mol
2617	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 500 µmol/mol)	6 L cylinder	Nitrogen	CO ₂	500 µmol/mol
2619a	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 0.5 % mol/mol)	6 L cylinder	Nitrogen	CO ₂	0.5 % mol/mol
2620a	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 1 % mol/mol)	6 L cylinder	Nitrogen	CO ₂	1.0 % mol/mol
2621a	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 1.5 % mol/mol)	6 L cylinder	Nitrogen	CO ₂	1.5 % mol/mol
2622a	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 2 % mol/mol)	6 L cylinder	Nitrogen	CO ₂	2.0 % mol/mol
2624a	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 3 % mol/mol)	6 L cylinder	Nitrogen	CO ₂	3.0 % mol/mol
2625a*	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 3.5 % mol/mol)	6 L cylinder	Nitrogen	CO ₂	3.5 % mol/mol
2745*	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 16 % mol/mol)	6 L cylinder	Nitrogen	CO ₂	16 % mol/mol

* These SRMs that are marked with * are available for NTRMs from commercial suppliers.

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only