

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
<u>1674b*</u>	Carbon Dioxide in (Nominal Amount-of-Substance Fraction 7 % mol/mol)	6 L cylinder	Nitrogen	CO ₂	7 % mol/mol
<u>2617</u>	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 500 μmol/mol)	6 L cylinder	Nitrogen	CO ₂	500 μmol/mol
<u>2619a</u>	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 0.5 % mol/mol)	6 L cylinder	Nitrogen	CO ₂	0.5 % mol/mol
<u>2620a</u>	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 1 % mol/mol)	6 L cylinder	Nitrogen	CO ₂	1.0 % mol/mol
<u>2621a</u>	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 1.5 % mol/mol)	6 L cylinder	Nitrogen	CO ₂	1.5 % mol/mol
<u>2622a</u>	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 2.0 % mol/mol)	6 L cylinder	Nitrogen	CO ₂	2.0 % mol/mol
<u>2624a</u>	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 3.0 % mol/mol)	6 L cylinder	Nitrogen	CO ₂	3.0 % mol/mol
<u>2625a*</u>	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 3.5 % mol/mol)	6 L cylinder	Nitrogen	CO ₂	3.5 % mol/mol
<u>2745*</u>	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.

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- Certified values are normal font
 - Non-certified or reference values are italicized
 - Non-certified values in parentheses are for information only