

107.5 - Organic Components in Air or 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
1658a	Methane in Air (Nominal Amount-of-Substance Fraction 1 µmol/mol)	6 L cylinder	Air	CH ₄	1 µmol/mol
1659a	Methane in Air (Nominal Amount-of-Substance Fraction 10 µmol/mol)	6 L cylinder	Air	CH ₄	10 µmol/mol
1665b	Propane in Air (Nominal Amount-of-Substance Fraction 3 µmol/mol)	6 L cylinder	Air	C ₃ H ₈	3 µmol/mol
1666b	Propane in Air (Nominal Amount-of-Substance Fraction 10 µmol/mol)	6 L cylinder	Air	C ₃ H ₈	10 µmol/mol
1667b	Propane in Air (Nominal Amount-of-Substance Fraction 50 µmol/mol)	6 L cylinder	Air	C ₃ H ₈	50 µmol/mol
1668b*	Propane in Air (Nominal Amount-of-Substance Fraction 100 µmol/mol)	6 L cylinder	Air	C ₃ H ₈	100 µmol/mol
1669b	Propane in Air (Nominal Amount-of-Substance Fraction 500 µmol/mol)	6 L cylinder	Air	C ₃ H ₈	500 µmol/mol
2644a	Propane in Nitrogen (Nominal Amount-of-Substance Fraction 250 µmol/mol)	6 L cylinder	Nitrogen	C ₃ H ₈	250 µmol/mol
2647a	Propane in Nitrogen (Nominal Amount-of-Substance Fraction 2500 µmol/mol)	6 L cylinder	Nitrogen	C ₃ H ₈	2500 µmol/mol
2750	Methane in Air (Nominal Amount-of-Substance Fraction 50 µmol/mol)	6 L cylinder	Air	CH ₄	50 µmol/mol
2751	Methane in Air (Nominal Amount-of-Substance Fraction 100 µmol/mol)	6 L cylinder	Air	CH ₄	100 µmol/mol
2764	Propane in Air (Nominal Amount-of-Substance Fraction 0.25 µmol/mol)	6 L cylinder	Air	C ₃ H ₈	0.25 µmol/mol
2765	Propane in Air (Nominal Amount-of-Substance Fraction 100 nmol/mol)	6 L cylinder	Air	C ₃ H ₈	100 nmol/mol

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

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