

# Methane

Primary reference materials containing **methane in nitrogen or synthetic air** are available in a broad range of composition. Within the listed ranges any composition can be supplied. Other concentrations and other matrices are available on request.

<b>Methane in nitrogen</b>			
PRM code	Certified component	Nominal fraction range (mol/mol)	Stability period
AB11	CH <sub>4</sub>	2 - 10 · 10 <sup>-6</sup>	24 months
AB12	CH <sub>4</sub>	10 - 100 · 10 <sup>-6</sup>	36 months
AB13	CH <sub>4</sub>	100 - 1000 · 10 <sup>-6</sup>	36 months
AB14	CH <sub>4</sub>	0,1 - 1 · 10 <sup>-2</sup>	36 months

<b>Methane in synthetic air</b>			
PRM code	Certified component	Nominal fraction range (mol/mol)	Stability period
AB21	CH <sub>4</sub>	2 - 10 · 10 <sup>-6</sup>	24 months
AB22	CH <sub>4</sub>	10 - 100 · 10 <sup>-6</sup>	24 months
AB23	CH <sub>4</sub>	100 - 1000 · 10 <sup>-6</sup>	24 months

Cylinder pressure 11,5 MPa, Cylinder valve outlet DIN 477 no. 1, Approximate deliverable volume 0,6 m<sup>3</sup>.