

# Propane

Primary reference materials containing **propane 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>Propane in nitrogen</b>			
PRM code	Certified component	Nominal fraction range (mol/mol)	Stability period
AL09	C <sub>3</sub> H <sub>8</sub>	1 - 10 · 10 <sup>-6</sup>	24 months
AL10	C <sub>3</sub> H <sub>8</sub>	10 - 100 · 10 <sup>-6</sup>	36 months
AL11	C <sub>3</sub> H <sub>8</sub>	100 - 1000 · 10 <sup>-6</sup>	36 months
AL12	C <sub>3</sub> H <sub>8</sub>	0,1 - 0,8 · 10 <sup>-2</sup>	36 months
AL13	C <sub>3</sub> H <sub>8</sub>	0,8 - 5 · 10 <sup>-2</sup>	36 months

<b>Propane in synthetic air</b>			
PRM code	Certified component	Nominal fraction range (mol/mol)	Stability period
AL29	C <sub>3</sub> H <sub>8</sub>	1 - 10 · 10 <sup>-6</sup>	24 months
AL20	C <sub>3</sub> H <sub>8</sub>	10 - 100 · 10 <sup>-6</sup>	24 months
AL21	C <sub>3</sub> H <sub>8</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>.