

# Hydrogen sulfide

Primary reference materials containing **hydrogen sulfide in nitrogen or methane** 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.

Hydrogen sulfide in nitrogen			
PRM code	Certified component	Nominal fraction range (mol/mol)	Stability period
BN11	H <sub>2</sub> S	10 - 100 · 10 <sup>-6</sup>	24 months
BN12	H <sub>2</sub> S	100 - 1000 · 10 <sup>-6</sup>	24 months

Hydrogen sulfide in methane			
PRM code	Certified component	Nominal fraction range (mol/mol)	Stability period
BN21	H <sub>2</sub> S	10 - 100 · 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>.