

Explosimetry

The listed PRMs are typical examples of standard gas mixtures used in the calibration of explosive concentration monitors. The compositions listed are all on 50 % L.E.L. level. Other compositions, including other components are available on request.

Methane in synthetic air			
PRM code	Certified component	Nominal fraction range (mol/mol)	Stability period
EX-1	CH ₄	$2,2 \cdot 10^{-2}$	24 months
Propane in synthetic air			
PRM code	Certified component	Nominal fraction range (mol/mol)	Stability period
EX-2	C ₃ H ₈	$0,9 \cdot 10^{-2}$	24 months
Hydrogen in synthetic air			
PRM code	Certified component	Nominal fraction range (mol/mol)	Stability period
EX-3	H ₂	$2,0 \cdot 10^{-2}$	24 months

Cylinder pressure 11,5 MPa, Cylinder valve outlet DIN 477 no. 1, Approximate deliverable volume 0,6 m³.