

# Leak detection gas mixtures

The listed PRMs are typical examples of standard gas mixtures used in leak detection. The compositions listed are on leakage measurement level. Some of these gases are used as tracers in dispersion modelling. Other compositions, at the level of the gases to be diluted are available on request.

<b>Sulfur hexafluoride in synthetic air</b>			
PRM code	Certified component	Nominal fraction range (mol/mol)	Stability period
LD-1	SF <sub>6</sub>	$1,2 \cdot 10^{-9}$	24 months
<b>Helium in nitrogen</b>			
PRM code	Certified component	Nominal fraction range (mol/mol)	Stability period
LD-3	He	$10,0 \cdot 10^{-6}$	24 months

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