

Sulfur dioxide

Primary reference materials containing **sulfur dioxide 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.

Sulfur dioxide in nitrogen			
PRM code	Certified component	Nominal fraction range (mol/mol)	Stability period
BH10	SO ₂	10 - 100 · 10 ⁻⁶	24 months
BH11	SO ₂	100 - 1000 · 10 ⁻⁶	36 months
BH12	SO ₂	0,1 - 1 · 10 ⁻²	36 months

Sulfur dioxide in synthetic air			
PRM code	Certified component	Nominal fraction range (mol/mol)	Stability period
BH20	SO ₂	10 - 100 · 10 ⁻⁶	24 months
BH21	SO ₂	100 - 1000 · 10 ⁻⁶	36 months
BH22	SO ₂	0,1 - 1 · 10 ⁻²	36 months

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