

# Argon / Hydrogen 5 mixture for spectrometry

# Ar / H<sub>2</sub>

STANDARD MIXTURES

## Marking

**Characterization acc. ADR** UN 1954, gas mixture, flammable, compressed, n.o.s., 2.1 Class 2, 2F

## Essential properties

Colourless, odorless, asphyxiant gas mixture, compressed, heavier than air

## Cylinder Marking



shoulder:  
red

## Symbols of Risks



flammable



gas, compressed

For additional safety information see Material-/safety data sheet No. 302-00-0118

## Valves / Manifolds

**Valve connection** acc. to national standards

**Recommended Manifolds** Spectrolab FM 51 / FM 52exact  
Spectrocem FE 51 / FE 52exact



## Specifications / Cylinders

		Argon W 5	
<b>Composition</b>			
Ar 5.0	=	95	Vol. %
H <sub>2</sub> 5.0	=	5	Vol. %
<b>Impurities</b>			
H <sub>2</sub> O	<	2	ppmv
O <sub>2</sub>	<	2	ppmv
HC	<	0,2	ppmv
<b>Cylinders / Contents</b>			
F 10		2,1	m <sup>3</sup>
F 50		10,5	m <sup>3</sup>

**Tolerance** +/- 10 % rel.

## Remarks

Operating gas for spark erosion spectrometry, reducing atmosphere