

### Marking

**Characterization acc. ADR** UN 1002, air, compressed, 2.2 Class 2, 1A

### Cylinder Marking



shoulder:  
light green

### Essential properties

Colourless, odorless gas mixture, compressed, same weight as air

### Symbols of Risks



gas, compressed

For additional safety information see Material-/safety data sheet No. \*-O2-N2-01

### Valves / Manifolds

**Valve connection** acc. to national standards

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



### Specifications / Forms of delivery

		5.0 HC-free	Scientific	
<b>Composition</b>				
N <sub>2</sub>	=	79,5	79,5	Vol. %
O <sub>2</sub>	=	20,5	20,5	Vol. %
<b>Impurities</b>				
H <sub>2</sub> O	<	5	2	ppmv
THC (as CH <sub>4</sub> )	<	0,1	0,05	ppmv
CO <sub>2</sub>	<	0,5	0,1	ppmv
CO	<	-	0,1	ppmv
NO <sub>x</sub>	<	0,1	0,01	ppmv
SO <sub>2</sub>	<	-	0,005	ppmv
H <sub>2</sub> S	<	-	0,005	ppmv
<b>Cylinders / Contents</b>				
F 10 200 bar		2,0	-	m <sup>3</sup>
F 50 200 bar		9,8	9,8	m <sup>3</sup>
B 12* F 50 200 bar		117,1	-	m <sup>3</sup>

**Tolerance** +/- 2,5 % rel.

### Remarks

Gas chromatography: Zero gas, oxidizing gas for flame ionisation detectors (FID)