

Marking

Characterization acc. ADR

UN 1002 AIR, COMPRESSED,
2.2, (E)

Cylinder Marking



Shoulder color: bright green

Essential properties

compressed gas, colorless, odorless

Symbols of risks



For additional safety information see safety data sheet *-O2-N2-01

Valves / Manifolds

Valve connection

acc. to national regulations

Recommended Manifolds

Spectrolab FM 51, FM 52exact
Spectrocem FE 51 / FE 52exact



Specification / receptacles				
		Synthetic air 5.0 HC-free	Synthetic air scientific	
Composition				
O ₂	=	20.5	20.5	Vol.-%
N ₂	=	79.5	79.5	Vol.-%
Impurities				
CO ₂	≤	0.5	0.1	ppmv
CO	≤	-	0.1	ppmv
HC (as CH ₄)	≤	0.1	0.05	ppmv
NO _x	≤	0.1	0.01	ppmv
SO ₂	≤	-	0.005	ppmv
H ₂ S	≤	-	0.005	ppmv
H ₂ O	≤	5	2	ppmv
Cylinder / Contents				
F 10 200 bar		2.0	-	m ³
F 50 200 bar		9.8	9.8	m ³
F 50*12 200 bar		117.1	-	m ³
F 50*12 300 bar		161.4	-	m ³

Remarks

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

Production tolerance: +/- 2,5% rel

Contents in m³ at 15°C, 1 bar