

E 948

Marking

CAS

Characterization acc. ADR

Cylinder Marking

7782-44-7
UN 1072 OXYGEN,
COMPRESSED, 2.2 (5.1), (E)Shoulder color: white, body olive
yellow**Essential properties**

compressed gas, colorless, odorless, oxidizing

Symbols of risks**Physical Properties**

molecular weight	31,9988 kg/kmol
gas density at 0 °C and 1,013 bar	1,429 kg/m ³
density ratio to air	1,1052

For additional safety information see safety data sheet *-O2-097A

Valves / Manifolds

Valve connection

200 bar: acc. to national standards
300 bar: ISO 5145 No. 1; W 30 x 2Valve type
Residual Pressure Valve (RPV)
Tamper evident sealing

Recommended Manifolds

Spectrolab FM 51 / FM 52exact
Spectrocem FE 51 / FE 52exact
300 bar pressure regulators under same designation available

Specification / receptacles				
		Gourmet O	Gourmet O 2.5	
Composition				
O ₂	≥	99	99.5	Vol.-%
Impurities				
H ₂ O	≤	0.05	0.05	Vol.-%
HC (as CH ₄)	≤	100	100	ppmv
THC	≤	-	50	ppmv
NO + NO ₂	≤	-	10	ppmv
CO	≤	-	10	ppmv

Remarks

Nitrogen is an approved Food Additive in the EU.
Manufactured in compliance with food law.
Gourmet cylinders and bundles are permitted to be used in food applications only.
Lowest storage and use temperature: - 10 °C
Content in m³ at 15°C, 1 bar

Labelling of Gourmet N according to food law:

Nitrogen
E 941

For food

Not for retail sale

Quantitative limitation in food: according to Regulation (EC) No. 1333/2008.

Date of minimum durability:

Name and address of the Food Business Operator

Net quantity