

E 941

Marking

CAS

Characterization acc. ADR

Cylinder Marking

7727-37-9
UN 1066 NITROGEN,
COMPRESSED, 2.2, (E)

Shoulder color: black, body olive yellow

Essential properties

compressed gas, colorless, odorless

Symbols of risks**Physical Properties**

molecular weight	28,0134 kg/kmol
gas density at 0 °C and 1,013 bar	1,250 kg/m ³
density ratio to air	0,9671

For additional safety information see safety data sheet *-N2-089A

Valves / Manifolds

Valve connection

200 bar: acc. to national regulations
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 N	Gourmet N 2.8	
Composition				
N ₂	≥	99	99.8	Vol.-%
Impurities				
CO	≤	10	10	ppmv
O ₂	≤	1	1	Vol.-%
HC (as CH ₄)	≤	100	100	ppmv
NO _x	≤	10	10	ppmv
H ₂ O	≤	0.05	0.05	Vol.-%

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

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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