

Calibration Certificate: 398221001a  
Annex :None

**B9014033**  
**12267072**

NIPPON GASES  
Nijverheidsstraat 4  
B-2260 Oevel - Belgium



**NIPPON  
GASES**  
The Gas Professionals



**Accreditation Certificate : BELAC 159-CAL**

BELAC has signed the EA Multilateral Agreement for Mutual Recognition of Calibration Certificates

**CALIBRATION CERTIFICATE**  
**Calibration Mixture according to ISO/IEC-17025**

**Delivered to :** RIVOIRA GAS SRL(SPG)  
VIA MARIE CURIE 134/D  
  
10034 CHIVASSO (TORINO)  
ITALIE

**Date of Calibration:** 27/05/2019

**Date of Release:** 27/05/2019

Signature

Lab & Mixing Analytical Specialist  
Frans Geerinckx

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**B9014033**

**12267072**

**Description:** Gasmixture : CARBON MONOXIDE in Balance NITROGEN  
**Cilindernumber :** 12267072

**Method of Certification: Class B**

The mole fraction is determined by comparison to appropriate reference materials and conform to norm ISO 12963:2017 (Gas analysis-Comparison methods for the determination of the composition of gas mixtures based on one-and two-point calibration)

**Analytical Result :** CARBON MONOXIDE ( 255.3  $\pm$  2.0 ) ppm  
(mole fraction) NITROGEN BALANCE

**Analytical Uncertainty :** The reported uncertainty is based on the standard uncertainty multiplied with a coverage factor  $k = 2$ , which corresponds to a confidence interval of approximately 95%.  
The standard uncertainty is calculated according to EA-4/02.

**Traceability :** The mole fraction is traceable to the SI unit and by comparison to VSL or to other (inter)national standards.

**Package:** Cilindertype: 10 Liter  
Valve connection: Din 14  
Pressure: 150 bara  
Content: 1500 Liter

**Use and stability :** Do not use/stock below -20°C or above +50 °C.  
The stability of similar mixtures in this type of cilinder has been checked regularly. There is no indication of change of the composition in a period of 2 years.  
Minimum utilisation pressure: 2barg

**Remarks:**

**Date and signature :** Oevel, 27/05/2019

Frans Geerinckx  
Lab & Mixing Analytical Specialist

