

Calibration Certificate: 387035001a

Annex :None

B8016942

 **PRAXAIR**
Making our planet more productive



Praxair N.V.
Nijverheidsstraat 4
B-2260 Oevel - Belgium

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: 4/07/2018

Date of Release: 5/07/2018

Signature

Team Leader Analytical Lab
Carlo Menten

This certificate is delivered in agreement with the Accreditation Conditions of the Belgian Organisation for Accreditation. This certificate shall be reproduced completely, except when a written permission for partial reproduction has been obtained from the laboratory.

Description: Gasmixture : NITRIC OXIDE in Balance NITROGEN
Cilindernumber : 12144639

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 : NITRIC OXIDE (908 ± 7) 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 8
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: 5 barg

Remarks:
(908 ± 7) molppm NOX

Date and signature : Oevel, 5/07/2018

Carlo Menten
Team Leader Analytical Lab

