



A Linde company

CERTIFICATE OF ANALYSIS

ISO 9001:2015 CERTIFIED
ISO 17034:2016 ACCREDITED
ISO/IEC 17025:2017 ACCREDITED

1202 E Sam Houston Parkway S,
Pasadena, TX 77503
Phone:(800) 548 2268 Fax:(713) 928 9961

PO Number: 2K2402015PG

Certification Date: 26-Feb-2024

Manufactured For:

General Instruments Enga. Repr. Com. Ltda
Rua Luiz Vaz de Camoes, 595
Lavapes-Mairipora 07600-508
Brazil

Customer Part No:

Cylinder Size: 34GAL
Cylinder Content: 34 L (1.2 CU.FT.) @ 70 F (21 C) & 1000 PSIG (6890Kpag)
Cylinder Lot No: 293173
Cylinder Serial Nos: Y173144
Unit Of Measure: Mole
Expiration Date: Mar 2025

Table with 5 columns: Component, Actual, Nominal, Uncertainty, Analytical Method. Rows include CHLORINE and NITROGEN.

The mixture was manufactured or transfilled from a standard which has been gravimetrically blended with traceability through NIST to the International System of Units (SI) balance. Balances are calibrated by a certified third party with certified NIST weights and NIST test numbers. Report Number: BU70910-05202024. The uncertainty is expressed as an expanded uncertainty U=kuc with uc determined by experiment and a coverage factor k=2. The certified value +/-U is presented with a level of confidence of approximately 95%.

Handwritten signature of the Quality Assurance Manager.

Quality Assurance Manager



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Customer Part No:

Cylinder Size: 34GAL  
Cylinder Content: 34 L (1.2 CU.FT.) @ 70 F (21 C) & 1000 PSIG (6890Kpag)  
Cylinder Lot No: 293205  
Cylinder Serial Nos: Y166704  
Unit Of Measure: Mole  
Expiration Date: Sep 2025

Component	Actual	Nominal	Uncertainty	Analytical Method
PHOSPHINE	5 PPM	5.0 PPM	+/- 10 %	Electrochemical Sensor
NITROGEN	BALANCE	BALANCE		

The mixture was manufactured or transfilled from a standard which has been gravimetrically blended with traceability through NIST to the International System of Units (SI) balance. Balances are calibrated by a certified third party with certified NIST weights and NIST test numbers. **Report Number: BU70910-05202024.** The uncertainty is expressed as an expanded uncertainty  $U=ku_c$  with  $u_c$  determined by experiment and a coverage factor  $k=2$ . The certified value  $\pm U$  is presented with a level of confidence of approximately 95%.

Quality Assurance Manager