



CERTIFICATE OF ANALYSIS

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

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Pasadena, TX 77503
Phone:(800) 548 2268 Fax:(713) 928 9961

PO Number: 2K2304053PG

Certification Date: 05-May-2023

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: 281258
Cylinder Serial Nos: Y151323
Unit Of Measure: Mole
Expiration Date: Jun 2026

Component	Actual	Nominal	Uncertainty	Analytical Method
CARBON MONOXIDE	2000 PPM	2000.0 PPM	+/- 2 %	Horiba CO2_CO Analyzer VIA-510_97KP6EHE
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: BU70910-11022023.** The uncertainty is expressed as an expanded uncertainty $U=kc$ with uc 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