

# Certificate of Analysis

Air Products PLC  
Hersham Place Technology Park  
Molesey Road  
WALTON-ON-THAMES  
Surrey  
KT12 4RZ  
UNITED KINGDOM  
Date Printed: 16 DEC 2016

Container Type: X1.6A - 1.6L Aluminum Cylinder  
Outlet Valve Connection: 5/8" - 18 UNF  
Fill Pressure @ 15 °C: 69.0 bar-g  
Fill Pressure @ 15 °C: 70.360 kg/cm2  
Contents @ 0°C, 1013 mbar: 0.100 Nm3

Material <b>315677</b> Mixture of Gases	Mfg. Date 09 NOV 2016	Analysis Date 17 NOV 2016	Best if Used By 09 MAY 2017
Batch <b>2235973</b>		Source Location 0925	

LOWER LIMIT	UPPER LIMIT	NOMINAL VALUE	ACTUAL VALUE	UNIT	EXPANDED UNCERT.	NO REPS	ANALYTICAL		
						STD DEV	PHASE	FREQ	METHOD
<b>Nitrogen Dioxide</b>		10.0	12.0	ppm mo	± 10%rel			B	Ana
<b>Nitrogen</b>			99.9	% mole	± 2%rel			B	Ana

## REMARKS:

This certificate is issued electronically and is valid without a signature.

Analytic Freq : I = Individual analysis, B = Batch analysis, C = Calculated value, S = Source.  
The suffix (m) in the Unit of Measure refers to mass.

The expanded uncertainty has been calculated with a coverage factor k=2.

This certificate is produced in accordance with ISO 6141.

The results shown above are traceable to national or international standards through a rigorous preparation system in which International Reference Materials, ISO 6142 and ISO 6143 are used.

To obtain details about the applicable traceability, please contact us.

Do not use below a pressure of 3 bar (excluding product supplied at less than 10 bar).  
Maintain storage and use temperature between -10 and 50 °C.