

**CERTIFICATE OF ANALYSIS****EPA PROTOCOL MIXTURE  
PROCEDURE # : G1****CUSTOMER:** Gas Technologies OB LTD**CYLINDER # :** FF-8609**ITEM# :** 15**CYLINDER PRES:** 2000 PSIG**P.O.# :** GT-03471**CGA OUTLET:** 660**CERTIFICATION DATE:** 29/04/05**EXPIRATION DATE:** 4/29/2007**CERTIFICATION HISTORY**

COMPONENT	DATE OF ASSAY	MEAN CONCENTRATION	CERTIFIED CONCENTRATION	ANALYTICAL ACCURACY
Nitric Oxide	21/04/05	499.9 ppm	501 ppm	+/- 1%
	29/04/05	501.1 ppm		
NOx			501 ppm	Reference Value Only
Sulfur Dioxide	21/04/05	495.3 ppm	494 ppm	+/- 1%
	29/04/05	493.5 ppm		

**BALANCE** Nitrogen**PREVIOUS CERTIFICATION DATES:** None**REFERENCE STANDARDS**

COMPONENT	SRM/NTRM#	CYLINDER#	CONCENTRATION
Nitric Oxide	NTRM-81687	CC-130950	992 ppm
Sulfur Dioxide	NTRM-81662	CC-162854	990 ppm

**INSTRUMENTATION**

COMPONENT	MAKE/MODEL	SERIAL #	DETECTOR	CALIBRATION DATE(S)
Nitric Oxide	CAI-400-CLD	6L09004	Cheml	29/03/05
Sulfur Dioxide	Horiba VIA-510	851221093	NDIR	13/04/05

THIS STANDARD IS **NIST TRACEABLE**. IT WAS CERTIFIED ACCORDING TO THE EPA PROTOCOL PROCEDURES.  
DO NOT USE THIS STANDARD IF THE CYLINDER PRESSURE IS LESS THAN 150 PSIG.

ANALYST: **FRED PIKULA**

DATE: 29/04/05