December 11, 2014

Odorox Hydroxyl Group
Mr. Roger Sheppard
16525 Southpark Drive
Westfield, IN 46074

Dear Mr. Sheppard:

Thank you for choosing UL Environment and its ISO 17025 accredited testing laboratories for your analytical needs. Attached is the draft report, which presents the test protocols and resulting data.

We appreciate this opportunity to assist you. If you have any questions or wish to discuss your results, please feel free to contact us at (888) 485-4733.

Sincerely,

W. Elliott Horner, PhD, LEED®AP
Lead Scientist

Attachment: Report: 18000-09

UL Environment, Inc.
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PROJECT SUMMARY

UL Environment is pleased to present the test results for the air cleaner identified as “XL 3 (3 Optics)” as submitted by Odorox Hydroxyl Group.

UL Environment did not select the samples, determine whether the samples were representative of production samples, witness the production of the test samples, nor were we provided with information relative to the formulation or identification of component materials used in the test samples. The test results apply only to the actual samples tested.

The Ozone sensor device used was the Thermo Electron Corporation, 49i model with the tubing inlet for the monitor at breathing height and located at least two feet from the test unit discharge.

Ozone emissions measured do not account for possible interference by other compounds. The presence of other specific compounds that have absorption peaks very close to that of ozone could contribute to the instrument signal under some circumstances. Studies with the specific compounds would be needed to confirm this.

Delivery of this report will confirm that all tests on the subject product have been completed. This concludes all work associated with Project 18000 and we are therefore closing this project.

FIELD TEST REPORT FOR
OZONE EMISSIONS TESTING

Ozone Concentration		(ppm)	Trend
Average	Background	0.010	Declining
	Hour Four	0.073	Steady
Maximum		0.077	

Customer: Odorox Hydroxyl Group

Sample Identification: 18000-090AA (5A)

Product Description: AIR CLEANER; Odorox Hydroxyl Generator- Serial Number XL005638

Test Conditions:

Model:	XL3
Fan speed:	High
Room:	Office, open
Room Size:	255.9 sq. ft. / 2,409.3 cu. ft.
HVAC:	On
Temperature:	23° C ± 2° C / 73° F ± 2° F
Humidity:	50% RH ± 5% RH

Test Period: 10/29/14

Test Description: The product was shipped by the customer to the Field Test Site. The product was positioned in the test room(s) under the specified test conditions and operated for a four hour test period. Ozone concentration was monitored throughout the test period.

Results: The measured ozone concentration reached 0.075 ppm in 51 minutes and reached equilibrium at 0.073 ppm. The concentration through the test period is plotted in Figure 1. A photograph of the test configuration is in Appendix 1.

Ozone analysis conducted using a TEI Model 49i UV-absorbance based analyzer with a detection limit of 0.5 ppb (0.0005 ppm).

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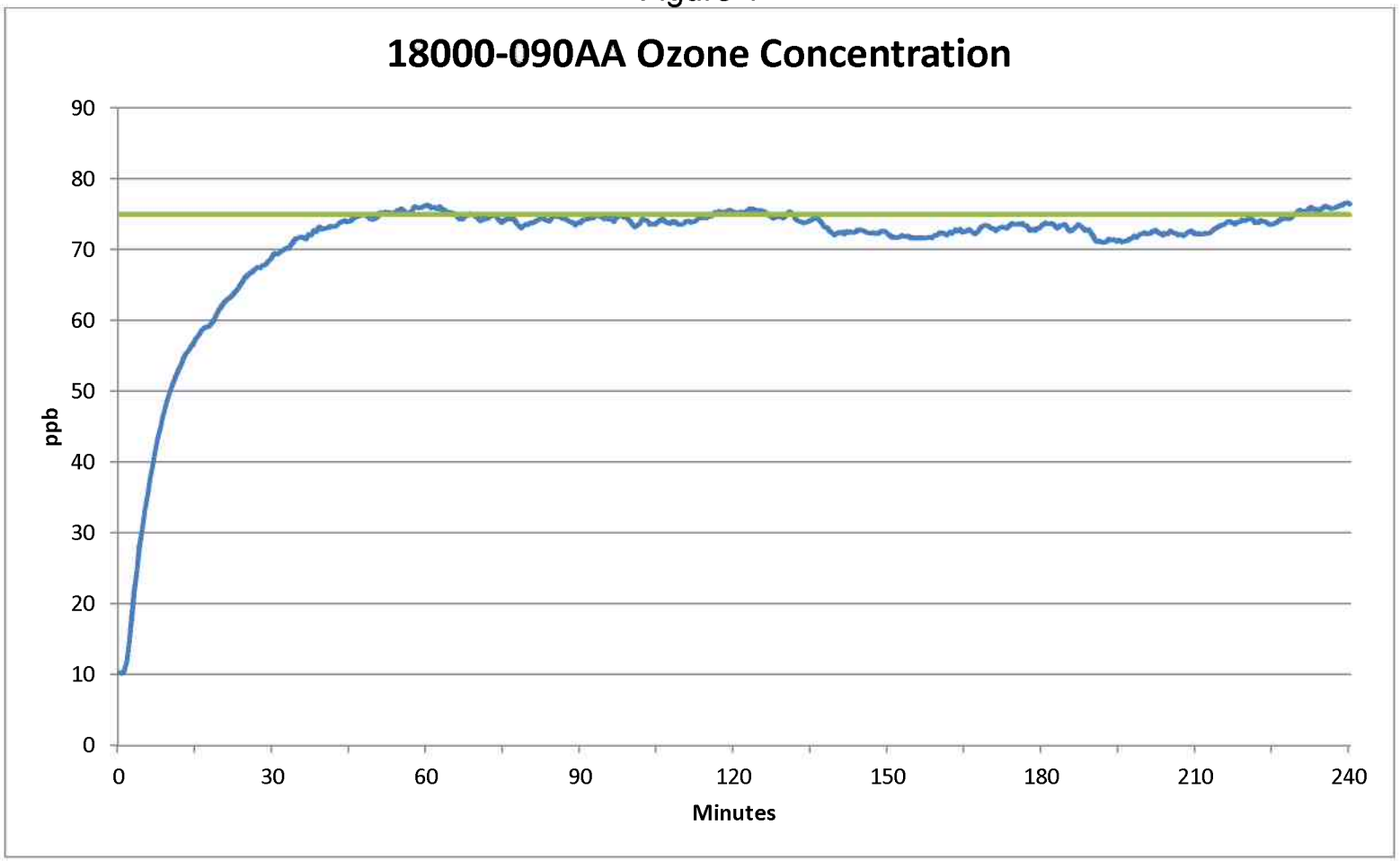
Figure 1



The blue line plots the ozone concentration through the test period.
The horizontal green line is placed at 75 ppb for reference purposes.

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APPENDIX 1