

## LABORATORY ANALYSIS REPORT

### NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

**REPORT NUMBER** L02272R  
**BOOKING IN REFERENCE** L02272  
**DESPATCH NOTE** 35005  
**CUSTOMER** Client Earth Attn: ANDREA LEE  
 The Hothouse  
 274 Richmond Road  
 London  
 E8 3QW  
**DATE SAMPLES RECEIVED** 28/03/2017

Location	Sample Number	Exposure Data			Time (hr.)	µg/m <sup>3</sup> *	ppb *	TOTAL µg NO <sub>2</sub>
		Date On	Date Off					
Couronne	863552	19/02/2017	20/03/2017		692.12	43.09	22.49	2.17
Couronne	863551	19/02/2017	20/03/2017		692.12	41.61	21.72	2.09
Couronne	863550	19/02/2017	20/03/2017		692.12	42.25	22.05	2.13
Belliard (SX)	863549**	19/02/2017	20/03/2017		691.97	69.22	36.13	3.48
Belliard (DX)	863548**	19/02/2017	20/03/2017		691.97	72.45	37.81	3.64
Rue De La Loi (SX)	863547**	19/02/2017	20/03/2017		691.58	105.71	55.17	5.31
Rue De La Loi (DX)	863546**	19/02/2017	20/03/2017		691.58	91.01	47.50	4.57
Arts - Loi (Regent)	863545**	19/02/2017	20/03/2017		691.33	71.93	37.54	3.61
Avenue Des Arts (US Embassy)	863544**	19/02/2017	20/03/2017		691.03	99.44	51.90	4.99
Esplanade EP	863543	19/02/2017	20/03/2017		690.28	30.96	16.16	1.55
Laboratory Blank					692.12	0.38	0.20	0.019

**Comment: Results are not blank subtracted**

**Tubes marked \*\* were diluted to read within our UKAS accredited calibration range.**

**Results have been corrected to a temperature of 293 K (20 °)**

**Overall M.U.** ±7.8%

**Tube Preparation:** 50% TEA /Acetone

**Analyst Name** Zoe Munday

**Date of Analysis** 03/04/2017

**Limit of Detection** 0.070µgNO<sub>2</sub>

Analysed on UV05 Camspec M550

**Report Checked By** Adam Robinson

**Date of Report** 03/04/2017

**Analysis carried out in accordance with documented in-house Laboratory Method GLM7**

The Diffusion Tubes have been tested within the scope of Gradko International Ltd. Laboratory Quality Procedures calculations and assessments involving the exposure procedures and periods provided by the client are not within the scope of our UKAS accreditation. Those results obtained using exposure data shall be indicated by an asterisk (\*). Any queries concerning the data in this report should be directed to the Laboratory Manager Gradko International Ltd. This report is not to be reproduced, except in full, without the written permission of Gradko International Ltd.

Form LQF32b Issue 7 – Oct 2016

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REPORT OFFICIALLY CHECKED

Gradko International Ltd  
 This signature confirms the authenticity of these results  
 Signed.....  
 L. Gates, Laboratory Manager