

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER L01954R
BOOKING IN REFERENCE L01954
DESPATCH NOTE 34321
CUSTOMER Braunton Parish Council Attn: Tracey Lovell
Chaloners Road
Braunton
EX33 2ES
DATE SAMPLES RECEIVED 13/03/2017

Location	Sample Number	Exposure Data		Time (hr.)	$\mu\text{g}/\text{m}^3$ *	ppb *	TOTAL
		Date On	Date Off				$\mu\text{g NO}_2$
London Inn Caen Street	848770	21/02/2017	10/03/2017	406.00	21.30	11.12	0.63
The Square Braunton	848771	21/02/2017	10/03/2017	406.00	38.80	20.25	1.15
Laboratory Blank				406.00	0.20	0.11	0.006

Comment: Results are not blank subtracted

Exposure times were calculated from start and finish times given on the exposure sheet.

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

Overall M.U. $\pm 7.8\%$ **Limit of Detection** 0.017 μgNO_2
Analysed on UV 04
Camspec M550

Tube Preparation : 20% TEA / Water

Analyst Name Eva Habjan **Report Checked By** Duncan Wilson

Date of Analysis 15/03/2017 **Date of Report** 15/03/2017

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 **Report Number L01954R** **Page 1 of 1**

REPORT OFFICIALLY CHECKED

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