

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER K06650R
BOOKING IN REFERENCE K06650
DESPATCH NOTE 31686
CUSTOMER Braunton Parish Council Attn: Tracey Lovell
Chaloners Road
Braunton
EX33 2ES
DATE SAMPLES RECEIVED 03/10/2016

JOB NUMBER

Location	Sample Number	Exposure Data		Time (hr.)	µg/m ³ *	ppb *	TOTAL µg NO ₂
		Date On	Date Off				
The Square Braunton	767024**	24/08/2016	28/09/2016	842.42	51.81	27.04	3.17
Caen St Outside School	767027	13/09/2016	28/09/2016	356.42	30.20	15.76	0.78
Caen St Outside London Inn	767028	13/09/2016	28/09/2016	356.42	43.80	22.86	1.13
Laboratory Blank				842.42	0.11	0.06	0.007

Comment: Results are not blank subtracted

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

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. 7.8% +/-

Limit of Detection 0.017µgNO₂

Tube Preparation : 20% TEA / Water

Analysed on UV 04 Camspec M550

Analyst Name Ben Whitmarsh

Date of Analysis 26/10/2016

Date of Report 26/10/2016

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*.....
L. Gates, Laboratory Manager