

## LABORATORY ANALYSIS REPORT

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

**REPORT NUMBER** M01637R  
**BOOKING IN REFERENCE** M01637  
**DESPATCH NOTE** 40085  
**CUSTOMER** Braunton Parish Council Attn: Tracey Lovell  
 Chaloners Road  
 Braunton  
 EX33 2ES  
**DATE SAMPLES RECEIVED** 22/02/2018

Location	Sample Number	Exposure Data		Time (hr.)	µg/m <sup>3</sup> *	ppb *	TOTAL µg NO <sub>2</sub>
		Date On	Date Off				
Caen Street Braunton	1052445	12/01/2018	19/02/2018	912.00	32.46	16.94	2.15
The Square Braunton	1052446	12/01/2018	19/02/2018	912.00	43.80	22.86	2.90
Laboratory Blank				912.00	0.18	0.09	0.012

**Comment: Results are not blank subtracted**

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

**Overall M.U.** ±7.8%

**Tube Preparation :** 20% TEA / Water

**Analyst Name** Oliver Branchflower

**Date of Analysis** 07/03/2018

**Limit of Detection** 0.017µgNO<sub>2</sub>

Analysed on UV 04 Camspec M550

**Report Checked By** Adam Robinson

**Date of Report** 07/03/2018

**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.

**REPORT OFFICIALLY CHECKED**

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