

## LABORATORY ANALYSIS REPORT

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

**REPORT NUMBER** L06818R  
**BOOKING IN REFERENCE** L06818  
**DESPATCH NOTE** 38793  
**CUSTOMER** Braunton Parish Council Attn: Tracey Lovell  
Chaloners Road  
Braunton  
EX33 2ES  
**DATE SAMPLES RECEIVED** 28/09/2017

| Location             | Sample Number | Exposure Data |            |            | µg/m <sup>3</sup> * | ppb * | TOTAL<br>µg NO <sub>2</sub> |
|----------------------|---------------|---------------|------------|------------|---------------------|-------|-----------------------------|
|                      |               | Date On       | Date Off   | Time (hr.) |                     |       |                             |
| The Square Braunton  | 1008697       | 05/09/2017    | 26/09/2017 | 507.50     | 32.31               | 16.87 | 1.19                        |
| Caen Street Braunton | 1008698       | 05/09/2017    | 26/09/2017 | 507.50     | 32.54               | 16.99 | 1.20                        |
| Laboratory Blank     |               |               |            | 507.50     | 0.00                | 0.00  | 0.000                       |

**Comment: Results are not blank subtracted**  
Results have been corrected to a temperature of 293 K (20 °)

|                           |                 |                           |                         |
|---------------------------|-----------------|---------------------------|-------------------------|
| <b>Overall M.U.</b>       | ±7.8%           | <b>Limit of Detection</b> | 0.010 µgNO <sub>2</sub> |
| <b>Tube Preparation :</b> | 20% TEA / Water | <b>Analysed on</b>        | UV 08 Camspec M550      |
| <b>Analyst Name</b>       | Toni Attrill    | <b>Report Checked By</b>  | Adam Robinson           |
| <b>Date of Analysis</b>   | 09/10/2017      | <b>Date of Report</b>     | 09/10/2017              |

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.  
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REPORT OFFICIALLY CHECKED

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