

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER M00849R
BOOKING IN REFERENCE M00849
DESPATCH NOTE 40085
CUSTOMER Braunton Parish Council Attn: Tracey Lovell
 Chaloners Road
 Braunton
 EX33 2ES

DATE SAMPLES RECEIVED 15/01/2018

Location	Sample Number	Exposure Data		Time (hr.)	$\mu\text{g}/\text{m}^3$ *	ppb *	TOTAL $\mu\text{g NO}_2$
		Date On	Date Off				
Caen Street Braunton	1052443	04/12/2017	12/01/2018	936.00	31.73	16.56	2.16
The Square Braunton	1052444	04/12/2017	12/01/2018	936.00	42.58	22.22	2.90
Laboratory Blank				936.00	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. $\pm 7.8\%$

Limit of Detection 0.017 μgNO_2

Analysed on UV 04
Camspec M550

Tube Preparation : 20% TEA / Water

Analyst Name
Oliver Branchflower

Report Checked By

Adam Robinson

Date of Analysis 06/02/2018

Date of Report 06/02/2018

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.

Form LQF32b Issue 7 – Oct 2016

Report Number M00849R

Page 1 of 1

REPORT OFFICIALLY CHECKED

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