

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER L04015R
BOOKING IN REFERENCE L04015
DESPATCH NOTE 29975
CUSTOMER Tewkesbury Borough Council Attn: Kath Henly
Environmental Health Dept.
Gloucester Road
Tewkesbury 'A'
Gloucestershire
GL20 5TT

DATE SAMPLES RECEIVED 05/06/2017

Location	Sample Number	Exposure Data		Time (hr.)	$\mu\text{g}/\text{m}^3$ *	ppb *	TOTAL $\mu\text{g NO}_2$
		Date On	Date Off				
Scrivens 131 High St	887161	26/04/2017	31/05/2017	840.00	29.54	15.42	1.80
43 Oldbury Rd, Tewkesbury	887160	26/04/2017	31/05/2017	839.75	17.90	9.34	1.09
Kellands 13-14 Barton St	887159	26/04/2017	31/05/2017	840.00	21.17	11.05	1.29
Age Concern 14 High St	887158	26/04/2017	31/05/2017	840.00	26.72	13.95	1.63
69 Sussex Gardens							
Hucclecote	887157	25/04/2017	30/05/2017	840.25	19.46	10.16	1.19
Comus Bamfurlong Lane	887156	25/04/2017	30/05/2017	840.25	17.30	9.03	1.06
15 Withybridge Gardens							
Boddington	887155	25/04/2017	30/05/2017	840.25	21.30	11.12	1.30
Snowhill Hill Farm Snowhill	887154	24/04/2017	30/05/2017	861.75	4.63	2.42	0.29
The Cross, Tewkesbury	887152	26/04/2017	31/05/2017	840.00	21.77	11.36	1.33
Sanford 38 High St	887171	26/04/2017	31/05/2017	840.00	20.85	10.88	1.27
Tackle Shop 31 Barton St	887170	26/04/2017	31/05/2017	839.75	31.18	16.27	1.90
65 Barton	887169	26/04/2017	31/05/2017	840.00	24.68	12.88	1.51
Sue Ryder Care, 3 North St	887168	24/04/2017	30/05/2017	861.25	19.45	10.15	1.22
43 Stocken Close	887167	25/04/2017	30/05/2017	840.25	19.07	9.95	1.16
Ashchurch View Ashchurch Road	887166	24/04/2017	30/05/2017	861.25	20.51	10.71	1.28
Woodside House	887165	25/04/2017	30/05/2017	840.25	28.44	14.84	1.74
Not on sheet	903899			861.75	0.60	0.31	0.04
Laboratory Blank				861.75	0.67	0.35	0.042

Comment: Results are not blank subtracted

Tube 887161 contained water droplets. Result may be compromised.

Tube 903899 was received but not listed on the exposure sheet. Maximum exposure time was used.

Tube 887164 was not received for analysis.

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

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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Signed.....
L. Gates, Laboratory Manager

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Overall M.U.	±7.8%	Limit of Detection	0.035 µgNO ₂
		Analysed on UV08 Camspec M550	
Analyst Name		Report Checked By	Duncan Wilson
Eva Habjan			
Date of Analysis	15/06/2017	Date of Report	15/06/2017

Analysis carried out in accordance with documented in-house Laboratory Method
GLM7

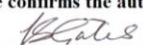
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Form LQF32b Issue 7 – Oct 2016

Report Number L04015R

Page 2 of 2

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