

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER L01861R
BOOKING IN REFERENCE L01861
DESPATCH NOTE 29969
CUSTOMER Tewkesbury Borough Council Attn: Kath Henly
 Environmental Health Dept.
 Gloucester Road
 Tewkesbury 'A'
 Gloucestershire
 GL20 5TT

DATE SAMPLES RECEIVED 08/03/2017
JOB REFERENCE CS 23866

Location	Sample Number	Exposure Data		Time (hr.)	µg/m ³ *	ppb *	TOTAL µg NO ₂
		Date On	Date Off				
Scrivens 131 High Street	835906	30/01/2017	02/03/2017	743.75	34.77	18.15	1.88
43 Oldbury Road, Tewkesbury	835907	30/01/2017	02/03/2017	743.75	22.97	11.99	1.24
Kellands 13-14 Barton Street	835908	30/01/2017	02/03/2017	743.75	25.91	13.53	1.40
Age Concern 14 High Street	835909	30/01/2017	02/03/2017	743.75	31.64	16.52	1.71
69 Sussex Gardens Hucclecote	835910	30/01/2017	28/02/2017	698.00	25.21	13.16	1.28
Comus Bamfurlong Lane	835911	30/01/2017	28/02/2017	696.50	29.19	15.23	1.48
15 Witheridge Gardens Boddington	835912	30/01/2017	28/02/2017	696.00	26.76	13.97	1.35
Snowhill Hill Farm Snowhill	835913	30/01/2017	27/02/2017	672.25	8.67	4.52	0.42
Store 21 (formally M&S) High Street	835914	30/01/2017	02/03/2017	743.75	36.68	19.14	1.98
The Cross, Tewkesbury	835915	30/01/2017	02/03/2017	743.75	26.67	13.92	1.44
Sanford 38 High Street	835916	30/01/2017	02/03/2017	743.75	25.71	13.42	1.39
Tackle Shop 31 Barton Street	835917	30/01/2017	02/03/2017	743.75	34.79	18.16	1.88
65 Barton Street	835918	30/01/2017	02/03/2017	743.75	33.02	17.23	1.79
Sue Ryder Care, 3 North Street	835919	30/01/2017	27/02/2017	671.75	24.97	13.03	1.22
43 Stocken Close Hucclecote	835920	30/01/2017	28/02/2017	698.00	27.43	14.32	1.39
Ashchurch View Ashchurch Road	835921	30/01/2017	27/02/2017	672.50	21.14	11.03	1.03
Woodside House	835922	30/01/2017	28/02/2017	697.25	28.25	14.74	1.43
17/02/blank	835923			743.75	0.48	0.25	0.03
Extra 17/03/blank	852504			743.75	0.76	0.40	0.04
Laboratory Blank				743.75	0.33	0.17	0.018

Comment: Results are not blank subtracted

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

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Tube 852504 was received but not listed on the exposure sheet. Maximum exposure time was used.

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

Overall M.U.	±7.8%	Limit of Detection	0.060µgNO ₂
		Analysed	
		on UV04	
		Camspec	
		M550	

Tube Preparation : 50% TEA /Acetone

Analyst Name

Eva Habjan

Report Checked By

Duncan

Wilson

Date of Analysis 14/03/2017

Date of Report 14/03/2017

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

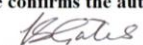
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Form LQF32b Issue 7 – Oct 2016

Report Number L01861R

Page 2 of 2

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