

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER L03176R
BOOKING IN REFERENCE L03176
DESPATCH NOTE 29973
CUSTOMER Tewkesbury Borough Council Attn: Kath Henly
Environmental Health Dept.
Gloucester Road
Tewkesbury 'A'
Gloucestershire
GL20 5TT
DATE SAMPLES RECEIVED 02/05/2017

Location	Sample Number	Exposure Data		Time (hr.)	µg/m ³ *	ppb *	TOTAL µg NO ₂
		Date On	Date Off				
Scrivens 131 High St	870112	31/03/2017	26/04/2017	624.00	26.52	13.84	1.20
43 Oldbury Rd, Tewkesbury	870111	31/03/2017	26/04/2017	624.00	16.85	8.79	0.76
Kellands 13-14 Barton St	870110	31/03/2017	26/04/2017	624.00	27.36	14.28	1.24
Age Concern 14 High St	870109	31/03/2017	26/04/2017	624.00	33.11	17.28	1.50
69 Sussex Gardens Hucclecote	870108	29/03/2017	25/04/2017	649.50	27.56	14.38	1.30
Comus Bamfurlong Lane	870107	29/03/2017	25/04/2017	649.50	24.14	12.60	1.14
15 Withybridge Gardens Boddington	870106	29/03/2017	25/04/2017	649.50	29.94	15.63	1.41
Snowhill Hill Farm Snowhill	870105	28/03/2017	24/04/2017	647.50	3.85	2.01	0.18
Store 21 (formally M&S) High Street	870104	31/03/2017	26/04/2017	624.00	39.07	20.39	1.77
The Cross, Tewkesbury	870103	31/03/2017	26/04/2017	624.00	27.10	14.14	1.23
Sanford 38 High St	870122	31/03/2017	26/04/2017	624.00	28.04	14.64	1.27
Tackle Shop 31 Barton St	870121	31/03/2017	26/04/2017	624.00	39.96	20.86	1.81
65 Barton	870120	31/03/2017	26/04/2017	624.00	23.93	12.49	1.09
Sue Ryder Care, 3 North St	870119	28/03/2017	24/04/2017	647.75	21.03	10.98	0.99
43 Stocken Close	870118	29/03/2017	25/04/2017	649.25	28.94	15.11	1.37
Ashchurch View Ashchurch Road	870117	28/03/2017	24/04/2017	646.50	24.59	12.83	1.16
Woodside House	870116	29/03/2017	25/04/2017	649.50	22.63	11.81	1.07
Blank	870115			649.50	0.61	0.32	0.03
N/A	887164			649.50	<1.27	<0.66	<0.060

Laboratory Blank 649.50 0.38 0.20 0.018

Comment: Results are not blank subtracted

Tube 887164 was received but not listed on the exposure sheet. Maximum exposure time was used.

Results reported as <0.060 are below the reporting limit.

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

Overall M.U. ±7.8%

Tube Preparation : 50% TEA /Acetone

Analyst Name Eva Habjan

Limit of Detection 0.060µgNO₂

Analysed on UV04 Camspec M550

Report Checked By Adam Robinson

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, Laboratory Manager

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Date of Analysis

09/05/2017

Date of Report

09/05/2017

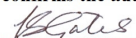
Analysis carried out in accordance with documented in-house Laboratory Method GLM7

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