

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER N06733R
BOOKING IN REFERENCE N06733
DESPATCH NOTE 70180
CUSTOMER Tewkesbury Borough Council Attn: Kath Henly
Environmental Health Dept.
Gloucester Road
Tewkesbury 'A'
Gloucestershire
GL20 5TT

DATE SAMPLES RECEIVED 09/09/2019

Location	Sample Number	Exposure Data			µg/m ³ *	ppb *	µg NO ₂ on tube
		Date On	Date Off	Time (hr.)			
Scrivens 131 High St	1400598	06/08/2019	05/09/2019	716.00	26.63	13.90	1.39
43 Oldbury Rd, Tewkesbury	1400599	06/08/2019	05/09/2019	716.00	14.24	7.43	0.74
Kellands 13-14 Barton St	1400600	06/08/2019	05/09/2019	716.25	18.48	9.64	0.96
Age Concern 14 High St	1400601	06/08/2019	05/09/2019	716.00	27.69	14.45	1.44
69 Sussex Gardens Hucclecote	1400602	05/08/2019	03/09/2019	697.75	18.65	9.74	0.95
Comus Bamfurlong Lane	1400603	05/08/2019	03/09/2019	698.00	31.74	16.56	1.61
15 Withybridge Gardens Boddington	1400604	05/08/2019	03/09/2019	697.75	22.28	11.63	1.13
Snowhill Hill Farm Snowhill	1400605	05/08/2019	03/09/2019	698.00	2.66	1.39	0.14
Store 21 (formally M&S) High Street	1400606	06/08/2019	05/09/2019	716.25	32.66	17.04	1.70
The Cross, Tewkesbury	1400607	06/08/2019	05/09/2019	716.25	20.34	10.62	1.06
Sanford 38 High St	1400608	06/08/2019	05/09/2019	716.00	22.02	11.49	1.15
Tackle Shop 31 Barton St	1400609	06/08/2019	05/09/2019	716.00	28.94	15.10	1.51
65 Barton St	1400610	06/08/2019	05/09/2019	716.00	26.42	13.79	1.38
Sue Ryder Care, 3 North St	1400611	05/08/2019	03/09/2019	698.00	16.54	8.63	0.84
43 Stocken Close	1400612	05/08/2019	03/09/2019	697.50	20.67	10.79	1.05
Ashchurch View Ashchurch Road	1400613	05/08/2019	03/09/2019	698.00	14.65	7.64	0.74
Stoke Road, Bishops Cleeve	1400614	05/08/2019	03/09/2019	698.00	15.81	8.25	0.80
Blank (see email)	1416313			716.25	0.75	0.39	0.04
Laboratory Blank				716.25	0.38	0.20	0.020

Comment: Results are not blank subtracted

Tube 1400615 was not received for analysis.

Tube 1416313 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. ±9.7%

Tube Preparation: 50% TEA /Acetone

Analyst Name Molly Bevan

Date of Analysis 19/09/2019

Limit of Detection 0.040µgNO₂

Analysed on UV CARY2

Report Checked By Pedro Gomes

Date of Report 19/09/2019

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

Samples have been tested within the scope of Gradko International Ltd. Laboratory Quality Procedures. Results within this report relate only to samples as received. Data provided by the client and any subsequent calculations shall be indicated by an asterisk (*), these calculations and results are not within the scope of our UKAS accreditation. Any queries concerning 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 9 – August 2019

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REPORT OFFICIALLY CHECKED

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