

## LABORATORY ANALYSIS REPORT

### NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

**REPORT NUMBER** L08958R  
**BOOKING IN REFERENCE** L08958  
**DESPATCH NOTE** 29981  
**CUSTOMER** Tewkesbury Borough Council Attn: Kath Henly  
Environmental Health Dept.  
Gloucester Road  
Tewkesbury 'A'  
Gloucestershire  
GL20 5TT  
**DATE SAMPLES RECEIVED** 13/12/2017

Location	Sample Number	Exposure Data		Time (hr.)	µg/m <sup>3</sup> *	ppb *	TOTAL µg NO <sub>2</sub>
		Date On	Date Off				
Scrivens 131 High St	1033753	31/10/2017	08/12/2017	915.50	27.37	14.28	1.82
43 Oldbury Rd, Tewkesbury	1033754	31/10/2017	08/12/2017	915.25	24.14	12.60	1.61
Kellands 13-14 Barton St	1033755	31/10/2017	08/12/2017	915.00	28.98	15.13	1.93
Age Concern 14 High St	1033756	31/10/2017	08/12/2017	915.50	36.44	19.02	2.42
69 Sussex Gardens Hucclecote	1033757	30/10/2017	07/12/2017	911.50	33.32	17.39	2.21
Comus Bamfurlong Lane	1033758	30/10/2017	07/12/2017	911.50	38.44	20.06	2.55
15 Withybridge Gardens Boddington	1033759	30/10/2017	07/12/2017	911.50	30.25	15.79	2.00
Snowhill Hill Farm Snowhill	1033760	01/11/2017	06/12/2017	839.50	5.84	3.05	0.36
Store 21 (formally M&S) High Street	1033761	31/10/2017	08/12/2017	915.25	40.74	21.26	2.71
The Cross, Tewkesbury	1033762	31/10/2017	08/12/2017	915.50	30.57	15.96	2.03
Sandford 38 High Street	1033763	31/10/2017	08/12/2017	915.25	33.77	17.62	2.25
Tackle Shop 31 Barton St	1033764	31/10/2017	08/12/2017	915.00	43.03	22.46	2.86
65 Barton Street	1033765	31/10/2017	08/12/2017	915.00	34.01	17.75	2.26
Sue Ryder Care, 3 North St	1033766	01/11/2017	06/12/2017	839.50	25.91	13.52	1.58
43 Stocken Close Hucclecote	1033767	30/10/2017	07/12/2017	911.50	35.29	18.42	2.34
Ashchurch View Ashchurch Road	1033768	01/11/2017	06/12/2017	839.50	29.04	15.16	1.77
Stoke Road, Bishops Cleeve	1033769	30/10/2017	07/12/2017	911.50	31.96	16.68	2.12
Blank	1033770			915.50	0.48	0.25	0.03
Laboratory Blank				915.50	0.27	0.14	0.018

**Comment: Results are not blank subtracted**

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

**Overall M.U.** ±7.8%

Tube Preparation : 50% TEA /Acetone

**Analyst Name** Oliver Branchflower

**Date of Analysis** 05/01/2018

**Limit of Detection** 0.060µgNO<sub>2</sub>

Analysed on UV04 Camspec M550

**Report Checked By** Adam Robinson

**Date of Report** 05/01/2018

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 L08958R

Page 1 of 2

REPORT OFFICIALLY CHECKED

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

## LABORATORY ANALYSIS REPORT

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

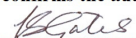
The Diffusion Tubes have been tested within the scope of Gradko International Ltd. Laboratory Quality Procedures calculations and assessments involving the exposure procedures and periods provided by the client are not within the scope of our UKAS accreditation. Those results obtained using exposure 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 L08958R

Page 2 of 2

**REPORT OFFICIALLY CHECKED**

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