

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER M04365R
BOOKING IN REFERENCE M04365
DESPATCH NOTE 29988
CUSTOMER Tewkesbury Borough Council Attn: Kath Henly
Environmental Health Dept.
Gloucester Road
Tewkesbury 'A'
Gloucestershire
GL20 5TT
DATE SAMPLES RECEIVED 13/06/2018

Location	Sample Number	Exposure Data			µg/m ³ *	ppb *	TOTAL µg NO ₂
		Date On	Date Off	Time (hr.)			
Scrivens 131 High St	1136246	01/05/2018	05/06/2018	839.75	31.44	16.41	1.92
43 Oldbury Rd, Tewkesbury	1136247	01/05/2018	05/06/2018	839.75	21.32	11.13	1.30
Kellands 13-14 Barton St	1136248	01/05/2018	05/06/2018	839.75	31.52	16.45	1.92
Age Concern 14 High St	1136249	01/05/2018	05/06/2018	839.75	32.64	17.03	1.99
69 Sussex Gardens Hucclecote	1136250	01/05/2018	05/06/2018	841.00	27.73	14.47	1.70
15 Withybridge Gardens Boddington	1136252	01/05/2018	05/06/2018	841.00	28.22	14.73	1.73
Snowhill Hill Farm Snowhill	1136253	01/05/2018	05/06/2018	843.50	6.18	3.23	0.38
Store 21 (formally M&S) High Street	1136254	01/05/2018	05/06/2018	840.00	39.08	20.40	2.39
The Cross, Tewkesbury	1136255	01/05/2018	05/06/2018	840.00	29.17	15.23	1.78
Sanford 38 High St	1136256	01/05/2018	05/06/2018	839.75	29.13	15.20	1.78
Tackle Shop 31 Barton St	1136257	01/05/2018	05/06/2018	839.75	39.24	20.48	2.40
65 Barton Street	1136258	01/05/2018	05/06/2018	839.50	30.76	16.06	1.88
Sue Ryder Care, 3 North St	1136259	01/05/2018	05/06/2018	843.17	28.43	14.84	1.74
43 Stocken Close Hucclecote	1136260	01/05/2018	05/06/2018	841.00	24.79	12.94	1.52
Ashchurch View Ashchurch Road	1136261	01/05/2018	05/06/2018	845.00	29.26	15.27	1.80
Stoke Road, Bishops Cleeve	1136262	01/05/2018	05/06/2018	841.00	17.10	8.92	1.05
Blank	1168165			845.00	0.05	0.03	0.00
Laboratory Blank				845.00	0.11	0.06	0.007

Comment: Results are not blank subtracted

Tube 1136251 was not received for analysis.

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

Overall M.U. ±9.7%

Tube Preparation : 50% TEA /Acetone

Analyst Name Amber Silvester

Report Checked By

Limit of Detection 0.043µgNO₂

Analysed on UV CARY1

Duncan Wilson

Date of Analysis 22/06/2018

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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

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REPORT OFFICIALLY CHECKED

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