

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER N02278R
BOOKING IN REFERENCE N02278
DESPATCH NOTE 29996
CUSTOMER Tewkesbury Borough Council Attn: Kath Henly
Environmental Health Dept.
Gloucester Road
Tewkesbury 'A'
Gloucestershire
GL20 5TT

DATE SAMPLES RECEIVED 15/03/2019

Location	Sample Number	Exposure Data			µg/m ³ *	ppb *	µg NO ₂ on tube
		Date On	Date Off	Time (hr.)			
Serivens 131 High Street	1281292	11/02/2019	07/03/2019	570.25	38.48	20.09	1.60
43 Oldbury Road, Tewkesbury	1281293	11/02/2019	07/03/2019	570.25	29.00	15.14	1.20
Kellands 13-14 Barton Street	1281294	11/02/2019	07/03/2019	570.25	28.06	14.65	1.16
Age Concern 14 High Street	1281295	11/02/2019	07/03/2019	570.50	36.63	19.12	1.52
69 Sussex Gardens Hucclecote	1281296	08/02/2019	05/03/2019	600.00	27.93	14.58	1.22
Comus Bamfurlong Lane	1281297	08/02/2019	05/03/2019	599.75	41.11	21.46	1.79
15 Withybridge Gardens Boddington	1281298	08/02/2019	05/03/2019	599.75	27.78	14.50	1.21
Snowhill Hill Farm Snowhill	1281299	08/02/2019	07/03/2019	644.00	8.67	4.53	0.41
Store 21 (Formally M&S) High Street	1281300	11/02/2019	07/03/2019	570.50	44.16	23.05	1.83
The Cross, Tewkesbury	1281301	11/02/2019	07/03/2019	570.50	28.89	15.08	1.20
Sanford 38 High Street	1281302	11/02/2019	07/03/2019	570.25	34.26	17.88	1.42
Tackle Shop 31 Barton Street	1281303	11/02/2019	07/03/2019	570.25	40.92	21.36	1.70
65 Barton Street	1281304	11/02/2019	07/03/2019	570.25	42.22	22.04	1.75
Sue Ryder Care, 3 North Street	1281305	08/02/2019	07/03/2019	644.75	23.54	12.29	1.10
43 Stocken Close Hucclecote	1281306	08/02/2019	05/03/2019	600.00	29.05	15.16	1.27
Ashchurch View Ashchurch Road	1281307	08/02/2019	07/03/2019	644.50	25.62	13.37	1.20
Stoke Road, Bishops Cleeve	1281308	08/02/2019	05/03/2019	599.75	30.33	15.83	1.32
Blank	1281309			644.75	0.38	0.20	0.02
Laboratory Blank				644.75	0.17	0.09	0.008

Comment: Results are not blank subtracted

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

Overall M.U.	±9.7%	Limit of Detection	0.043µgNO ₂
Tube Preparation: 50% TEA /Acetone		Analysed on UV CARY1	
Analyst Name	Amber Silvester	Report Checked By	Duncan Wilson
Date of Analysis	02/04/2019	Date of Report	02/04/2019

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. 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. The results within this report relate only to the items tested. 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.

REPORT OFFICIALLY CHECKED

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