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LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER U06906R
BOOKING IN REFERENCE U06906
DESPATCH NOTE 121528
CUSTOMER Tewkesbury Borough Council Attn: Isabel Hooper
Environmental Health Dept.
Gloucester Road
Tewkesbury 'A'
Gloucestershire
GL20 5TT
DATE SAMPLES RECEIVED 06/11/2026
JOB REFERENCE October 2026

Location	Sample Number	Exposure Data Date On*	Date Off*	Time* (hr.)	µg/m³ *	ppb *	µg NO_2 on tube
Scrivens, 131, High Street, Tewkesbury (3)1N	3014124	05/10/2026	04/11/2026	719.58	17.92	9.35	0.94
Kellands, 13-14, Barton Street, Tewkesbury 5N	3014126	05/10/2026	04/11/2026	719.42	17.84	9.31	0.93
Age Concern, 14, High Street, Tewkesbury 6N	3014127	05/10/2026	04/11/2026	719.58	21.28	11.11	1.11
69, Sussex Gardens, Hucclecote 14N	3014128	05/10/2026	04/11/2026	723.75	15.76	8.23	0.83
Comus, Bamfurlong, Staverton 15N	3014129	05/10/2026	04/11/2026	723.50	13.90	7.26	0.73
Stanboro Lodge, Stanboro Lane, Elmstone Hardwicke, Cheltenahm, GL51 9TN 16N	3014130	05/10/2026	04/11/2026	723.25	9.21	4.81	0.48
Snowshill Farm, Snowshill 20N	3014131	05/10/2026	04/11/2026	720.17	4.62	2.41	0.24
Peacocks, High Street, Tewkesbury 35N	3014132	05/10/2026	04/11/2026	719.58	24.25	12.65	1.27
Wetherspoons, The Cross, Tewkesbury 37N	3014133	05/10/2026	04/11/2026	719.58	18.07	9.43	0.95
Avonside, 38, High Street, Tewkesbury 38N	3014134	05/10/2026	04/11/2026	719.58	17.67	9.22	0.92
The Tackle Shop, 31, Barton Street, Tewkesbury 41N	3014135	05/10/2026	04/11/2026	719.58	23.86	12.45	1.25
65, Barton Street, Tewkesbury 47N	3014136	05/10/2026	04/11/2026	719.42	18.69	9.75	0.98
The White Hart, Castle Street, Winchcombe 50N	3014137	05/10/2026	04/11/2026	720.17	12.27	6.40	0.64
43, Stocken Close, Hucclecote 52N	3014138	05/10/2026	04/11/2026	723.50	11.71	6.11	0.62
Ashchurch Road, Ashchurch, Tewkesbury 53N	3014139	05/10/2026	04/11/2026	719.42	17.16	8.95	0.90
Stoke Road, Bishops Cleeve 55N	3014140	05/10/2026	04/11/2026	720.50	13.50	7.05	0.71
Tewkesbury Church of England Primary School, Rope Walk, Tewkesbury 56N	3014141	05/10/2026	04/11/2026	719.58	12.52	6.54	0.66
15, Kestrel Way, Northway, Tewkesbury 57N	3014142	05/10/2026	04/11/2026	719.42	13.50	7.05	0.71
Blank	3014143			723.75	<0.70	<0.37	<0.037
Laboratory Blank				723.75	<0.70	<0.37	<0.037

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.

REPORT OFFICIALLY CHECKED

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

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Comment: Results are not blank subtracted
Customer noted missing tube: 3014125
Tube 3014130 contained a spider & web, insect, nest or snail. Result may be compromised.
Tube 3014130 was dirty when received. Result may be compromised.
Results reported as <0.037 µg are below the reporting limit.
Results have been corrected to a temperature of 293 K (20°)

Overall M.U.	±9.7%	**Limit of Detection**	0.037µgNO_2

The reported expanded uncertainty is based on a standard uncertainty multiplied by a factor of *k*=2, providing a level of confidence of approximately 95%. Uncertainty of measurement has not been applied to the reported results.

Tube Preparation: 50% TEA /Acetone — Analysed on UV CARY3

Analyst Name	Laura King	**Report Checked By**	Barbara Perzanowska
Date of Analysis	17/11/2026	**Date of Report**	17/11/2026

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

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L. Gates, Laboratory Manager