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ilac-MRA UKAS TESTING 2187

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER U06418R
BOOKING IN REFERENCE U06418
DESPATCH NOTE 121527
CUSTOMER Tewkesbury Borough Council Attn: Isabel Hooper
Environmental Health Dept.
Gloucester Road
Tewkesbury 'A'
Gloucestershire
GL20 5TT
DATE SAMPLES RECEIVED 07/10/2026
JOB REFERENCE September 2026

Location	Sample Number	Exposure Data Date On	Exposure Data Date Off	Time (hr.)	µg/m³	ppb	µg NO_2 on tube
Scrivens, 131, High Street, Tewkesbury (3)1N	3094068	04/09/2026	05/10/2026	744.08	17.34	9.05	0.94
Corner of Oldbury Road/East Street, Tewkesbury (3)2N	3094069	04/09/2026	05/10/2026	744.08	11.41	5.95	0.62
Kellands, 13-14, Barton Street, Tewkesbury 5N	3094070	04/09/2026	05/10/2026	744.17	15.81	8.25	0.86
Age Concern, 14, High Street, Tewkesbury 6N	3094071	04/09/2026	05/10/2026	744.08	25.44	13.28	1.38
69, Sussex Gardens, Hucclecote 14N	3094072	04/09/2026	05/10/2026	743.75	14.67	7.66	0.79
Comus, Bamfurlong, Staverton 15N	3094073	04/09/2026	05/10/2026	743.75	14.50	7.57	0.78
Stanboro Lodge, Stanboro Lane, Elmstone Hardwicke, Cheltenahm, GL51 9TN 16N	3094074	04/09/2026	05/10/2026	744.00	10.19	5.32	0.55
Snowshill Farm, Snowshill 20N	3094075	04/09/2026	05/10/2026	744.17	2.75	1.44	0.15
Peacocks, High Street, Tewkesbury 35N	3094076	04/09/2026	05/10/2026	744.08	22.89	11.95	1.24
Wetherspoons, The Cross, Tewkesbury 37N	3094077	04/09/2026	05/10/2026	744.08	17.20	8.98	0.93
Avonside, 38, High Street, Tewkesbury 38N	3094078	04/09/2026	05/10/2026	744.08	18.97	9.90	1.03
The Tackle Shop, 31, Barton Street, Tewkesbury 41N	3094079	04/09/2026	05/10/2026	744.00	23.04	12.03	1.25
65, Barton Street, Tewkesbury 47N	3094080	04/09/2026	05/10/2026	744.17	19.40	10.12	1.05
The White Hart, Castle Street, Winchcombe 50N	3094081	04/09/2026	05/10/2026	744.17	11.02	5.75	0.60
43, Stocken Close, Hucclecote 52N	3094082	04/09/2026	05/10/2026	743.75	14.61	7.63	0.79
Ashchurch Road, Ashchurch, Tewkesbury 53N	3094083	04/09/2026	05/10/2026	744.17	12.89	6.73	0.70
Stoke Road, Bishops Cleeve 55N	3094084	04/09/2026	05/10/2026	744.17	12.70	6.63	0.69
Tewkesbury Church of England Primary School, Rope Walk, Tewkesbury 56N	3094085	04/09/2026	05/10/2026	744.08	7.97	4.16	0.43
15, Kestrel Way, Northway, Tewkesbury 57N	3094086	04/09/2026	05/10/2026	744.25	13.66	7.13	0.74
Blank	3094087			744.25	<0.68	<0.36	<0.037
Laboratory Blank				744.25	<0.68	<0.36	<0.037

Comment: Results are not blank subtracted.
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** Marek Bianga
Date of Analysis 21/10/2026 **Date of Report** 21/10/2026

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.

REPORT OFFICIALLY CHECKED

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