

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER U04861R
BOOKING IN REFERENCE U04861
DESPATCH NOTE 121525
CUSTOMER Tewkesbury Borough Council Attn: Isabel Hooper
Environmental Health Dept.
Gloucester Road
Tewkesbury 'A'
Gloucestershire
GL20 5TT
DATE SAMPLES RECEIVED 05/08/2026
JOB REFERENCE Jul-26

Location	Sample Number	Exposure Data		Time* (hr.)	µg/m ³ *	ppb *	µg NO ₂ on tube
		Date On*	Date Off*				
Scrivens, 131, High Street, Tewkesbury (3)1N	3057197	01/07/2026	03/08/2026	790.17	16.51	8.62	0.95
Corner of Oldbury Road/East Street, Tewkesbury (3)2N	3057198	01/07/2026	03/08/2026	790.17	8.95	4.67	0.51
Kellands, 13-14, Barton Street, Tewkesbury 5N	3057199	01/07/2026	03/08/2026	789.17	16.46	8.59	0.94
Age Concern, 14, High Street, Tewkesbury 6N	3057200	01/07/2026	03/08/2026	790.67	21.93	11.44	1.26
69, Sussex Gardens, Hucclecote 14N	3057201	01/07/2026	03/08/2026	788.50	13.84	7.22	0.79
Comus, Bamfurlong, Staverton 15N	3057202	01/07/2026	03/08/2026	788.67	9.42	4.92	0.54
Stanboro Lodge, Stanboro Lane, Elmstone Hardwicke, Cheltenham, GL51 9TN 16N	3057203	01/07/2026	03/08/2026	788.92	6.17	3.22	0.35
Snowhill Farm, Snowhill 20N	3057204	01/07/2026	03/08/2026	788.67	2.79	1.46	0.16
Peacocks, High Street, Tewkesbury 35N	3057205	01/07/2026	03/08/2026	790.67	22.24	11.61	1.28
Wetherspoons, The Cross, Tewkesbury 37N	3057206	01/07/2026	03/08/2026	790.92	17.50	9.13	1.01
Avonside, 38, High Street, Tewkesbury 38N	3057207	01/07/2026	03/08/2026	790.42	16.07	8.39	0.92
The Tackle Shop, 31, Barton Street, Tewkesbury 41N	3057208	01/07/2026	03/08/2026	789.67	25.26	13.19	1.45
65, Barton Street, Tewkesbury 47N	3057209	01/07/2026	03/08/2026	789.42	16.23	8.47	0.93
The White Hart, Castle Street, Winchcombe 50N	3057210	01/07/2026	03/08/2026	788.67	14.36	7.49	0.82
43, Stocken Close, Hucclecote 52N	3057211	01/07/2026	03/08/2026	788.67	12.39	6.46	0.71
Ashchurch Road, Ashchurch, Tewkesbury 53N	3057212	01/07/2026	03/08/2026	788.92	13.18	6.88	0.76
Tewkesbury Church of England Primary School, Rope Walk, Tewkesbury 56N	3057214	01/07/2026	03/08/2026	789.92	5.54	2.89	0.32
15, Kestrel Way, Northway, Tewkesbury 57N	3057215	01/07/2026	03/08/2026	788.92	8.18	4.27	0.47
Blank	3057216	01/07/2026	03/08/2026	792.00	<0.64	<0.34	<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.

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

LABORATORY ANALYSIS REPORT

Laboratory Blank

792.00

<0.64

<0.34

<0.037

Comment: Results are not blank subtracted

Results reported as <0.037 µg are below the reporting limit.

Customer noted missing tube: 3057213

Tube 3057212 contained a nest. Result may be compromised.

Tube 3057214 contained spiders. Result may be compromised.

Tube 3057204 contained an insect. Result may be compromised.

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

Overall M.U. ±9.7%

Limit of Detection 0.037 µgNO₂

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 Mihnea Marmara

Report Checked By Barbara Perzanowska

Date of Analysis 07/08/2026

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

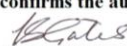
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