

LABORATORY ANALYSIS REPORT

NIROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER U05822R
BOOKING IN REFERENCE U05822
DESPATCH NOTE 121526
CUSTOMER Tewkesbury Borough Council Attn: Isabel Hooper
Environmental Health Dept.
Gloucester Road
Tewkesbury 'A'
Gloucestershire
GL20 5TT

DATE SAMPLES RECEIVED 09/09/2026
JOB REFERENCE August 2026

Location	Sample Number	Exposure Data		Time* (hr.)	µg/m³ *	ppb *	µg NO ₂ on tube
		Date On*	Date Off*				
Scrivens, 131, High Street, Tewkesbury	3071582	03/08/2026	04/09/2026	769.92	18.98	9.91	1.06
Corner of Oldbury Road/East Street, Tewkesbury	3071583	03/08/2026	04/09/2026	769.92	11.20	5.85	0.63
Age Concern, 14, High Street, Tewkesbury	3071585	03/08/2026	04/09/2026	769.42	24.59	12.83	1.38
69, Sussex Gardens, Hucclecote 14N	3071586	03/08/2026	04/09/2026	768.67	15.93	8.31	0.89
Comus, Bamfurlong, Staverton	3071587	03/08/2026	04/09/2026	768.75	13.30	6.94	0.74
Stanboro Lodge, Stanboro Lane, Elmstone							
Hardwicke, Cheltenham, GL51 9TN	3071588	03/08/2026	04/09/2026	768.50	9.06	4.73	0.51
Snowhill Farm, Snowhill	3071589	03/08/2026	04/09/2026	771.25	4.09	2.13	0.23
Peacocks, High Street, Tewkesbury	3071590	03/08/2026	04/09/2026	769.42	24.36	12.71	1.36
Wetherspoons, The Cross, Tewkesbury	3071591	03/08/2026	04/09/2026	769.17	18.75	9.78	1.05
Avonside, 38, High Street, Tewkesbury	3071592	03/08/2026	04/09/2026	769.67	19.25	10.05	1.08
The Tackle Shop, 31, Barton Street, Tewkesbury	3071593	03/08/2026	04/09/2026	770.50	20.93	10.92	1.17
65, Barton Street, Tewkesbury	3071594	03/08/2026	04/09/2026	770.75	19.90	10.39	1.12
The White Hart, Castle Street, Winchcombe	3071595	03/08/2026	04/09/2026	771.00	13.56	7.08	0.76
43, Stocken Close, Hucclecote	3071596	03/08/2026	04/09/2026	768.75	15.18	7.92	0.85
Ashchurch Road, Ashchurch, Tewkesbury	3071597	03/08/2026	04/09/2026	771.25	7.60	3.97	0.43
Stoke Road, Bishops Cleeve	3071598	03/08/2026	04/09/2026	769.25	12.20	6.37	0.68
Tewkesbury Church of England Primary School, Rope Walk, Tewkesbury	3071599	03/08/2026	04/09/2026	770.17	7.70	4.02	0.43
15, Kestrel Way, Northway, Tewkesbury	3071600	03/08/2026	04/09/2026	768.00	12.24	6.39	0.68
Blank	3071601			771.25	<0.77	<0.40	<0.043
Laboratory Blank				771.25	<0.77	<0.40	<0.043

Comment: Results are not blank subtracted

Tube 3071584 was missing on arrival.

Tube 3071600 was indicated by customer as missing but was received & analysed.

Tube 3071589 contained an insect. Result may be compromised.

Tube 3071597 contained a web. Result may be compromised.

Results reported as <0.043µg are below the reporting limit.

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

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

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Overall M.U. $\pm 9.7\%$ **Limit of Detection** $0.043\mu\text{gNO}_2$

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

Analyst Name

Alison Wright

Analysed on UV CARY4

Report Checked By

Jon Hall

Date of Analysis

21/09/2026

Date of Report

21/09/2026

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

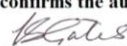
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