

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER K06764R
BOOKING IN REFERENCE K06764
DESPATCH NOTE 32034
CUSTOMER Mrs Tracey Attn:
53 South Park Grove
New Malden
Greater London
KT3 5DA
DATE SAMPLES RECEIVED 24/10/2016
JOB NUMBER 602111

Location	Sample Number	Exposure Data		Time (hr.)	$\mu\text{g}/\text{m}^3$ *	ppb *	TOTAL
		Date On	Date Off				$\mu\text{g NO}_2$
Hoppingwood Road New Malden	776073	24/09/2016	21/10/2016	645.33	25.61	13.37	1.20
Lime Grove New Malden	776072	24/09/2016	21/10/2016	645.25	24.47	12.77	1.15
Elm Road New Malden	776074	24/09/2016	21/10/2016	645.25	24.39	12.73	1.14
Kingston Rd/South Lane New Malden	776080	24/09/2016	21/10/2016	645.17	39.02	20.37	1.83
Bodley Rd/Malden Rd New Malden	776079	24/09/2016	21/10/2016	645.08	41.02	21.41	1.92
Fountain Roundabout New Malden	776081	24/09/2016	21/10/2016	645.67	49.17	25.67	2.31
South Lane/Malden Road Old Malden	776078	24/09/2016	21/10/2016	645.08	40.18	20.97	1.88
Burlington School New Malden	776075	24/09/2016	21/10/2016	644.50	44.50	23.23	2.08
Blagdon Rd/Beverly Rd/New Malden	776076	24/09/2016	21/10/2016	644.42	37.32	19.48	1.75
Blagdon Rd/High Street New Malden	776077	23/09/2016	21/10/2016	674.00	51.75	27.01	2.54
Laboratory Blank				674.00	0.10	0.05	0.005

Comment: Results are not blank subtracted

Tube 776079 contained a spider and web. Results may be compromised.

Exposure times were calculated from start and finish times given on the exposure sheet.

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

Overall M.U. 5.2% +/-

Limit of Detection 0.010 μgNO_2

Analysed
on UV05
Camspec
M550

Tube Preparation : 20% TEA / Water

Analyst Name

Ben Whitmarsh

Report Checked By

The Diffusion Tubes have been tested within the scope of Gradko International Ltd. Laboratory Quality Procedures calculations and assessments involving the exposure procedures and periods provided by the client are not within the scope of our UKAS accreditation. Those results obtained using exposure data shall be indicated by an asterisk (*). Any queries concerning the 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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Signed.....
L. Gates, Laboratory Manager

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Date of Analysis 04/11/2016 Date of Report 04/11/2016

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

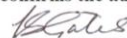
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