

LABORATORY ANALYSIS REPORT

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER N05708R
BOOKING IN REFERENCE N05708
DESPATCH NOTE 73023
CUSTOMER Sia Estonian Latvian & Lithuanian Attn: Julija Doktorova
Vilandes Iela 3
Dz. 6
Riga
LV-1010
Latvija

DATE SAMPLES RECEIVED 06/08/2019

Location	Sample Number	Exposure Data		Time (hr.)	$\mu\text{g}/\text{m}^3$ *	ppb *	$\mu\text{g NO}_2$ on tube
		Date On	Date Off				
30	1407601	11/07/2019	31/07/2019	477.83	11.55	6.03	0.40
27	1407602	11/07/2019	31/07/2019	477.67	29.15	15.21	1.01
8	1407603	11/07/2019	31/07/2019	477.67	31.02	16.19	1.08
10	1407604	11/07/2019	31/07/2019	477.50	29.71	15.51	1.03
26	1407605	11/07/2019	31/07/2019	476.75	35.87	18.72	1.24
D	1407592	11/07/2019	31/07/2019	476.75	13.74	7.17	0.48
C	1407593	11/07/2019	31/07/2019	476.67	18.01	9.40	0.62
E	1407594	11/07/2019	31/07/2019	476.50	25.41	13.26	0.88
J	1407595	11/07/2019	31/07/2019	476.67	19.89	10.38	0.69
31	1407596	12/07/2019	01/08/2019	479.08	16.08	8.39	0.56
L	1407597	12/07/2019	01/08/2019	469.05	15.87	8.28	0.54
K	1407598	12/07/2019	01/08/2019	478.33	11.22	5.85	0.39
A	1407599	12/07/2019	01/08/2019	477.42	14.73	7.69	0.51
24	1407600	12/07/2019	01/08/2019	477.42	18.07	9.43	0.63
B	1407583	12/07/2019	01/08/2019	477.25	20.21	10.55	0.70
H	1407584	12/07/2019	01/08/2019	477.17	21.14	11.03	0.73
9	1407585	12/07/2019	01/08/2019	476.75	31.37	16.37	1.09
13	1407586	12/07/2019	01/08/2019	473.58	19.67	10.27	0.68
G	1407587	12/07/2019	01/08/2019	473.50	40.68	21.23	1.40
F	1407588	12/07/2019	01/08/2019	473.42	24.67	12.88	0.85
0 (Control)	1407589			479.08	0.23	0.12	0.01
Laboratory Blank				479.08	0.03	0.01	0.001

Comment: Results are not blank subtracted

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

Overall M.U. $\pm 9.7\%$

Tube Preparation: 20% TEA / Water

Analyst Name Agata Szymonik

Date of Analysis 09/08/2019

Limit of Detection 0.030 μgNO_2

Analysed on UV CARY3

Report Checked By Adam Robinson

Date of Report 09/08/2019

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. 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. The results within this report relate only to the items tested. 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

NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

REPORT NUMBER N06371R
BOOKING IN REFERENCE N06371
DESPATCH NOTE 73526
CUSTOMER Sia Estonian Latvian & Lithuanian Attn: Ruta Kuriene
Vilandes Iela 3
Dz. 6
Riga
LV-1010
Latvija

DATE SAMPLES RECEIVED 03/09/2019

Location	Sample Number	Exposure Data			$\mu\text{g}/\text{m}^3$ *	ppb *	$\mu\text{g NO}_2$ on tube
		Date On	Date Off	Time (hr.)			
30	1428592	13/08/2019	29/08/2019	385.67	24.15	12.61	0.68
27	1428593	13/08/2019	29/08/2019	385.50	39.40	20.57	1.10
8	1428594	13/08/2019	29/08/2019	385.42	45.37	23.68	1.27
10	1428595	13/08/2019	29/08/2019	385.33	44.28	23.11	1.24
D	1428596	13/08/2019	29/08/2019	385.33	22.64	11.82	0.63
26	1428597	13/08/2019	29/08/2019	385.25	54.57	28.48	1.53
C	1428598	13/08/2019	29/08/2019	385.25	26.07	13.61	0.73
E	1428599	13/08/2019	29/08/2019	385.33	35.67	18.62	1.00
J	1428600	13/08/2019	29/08/2019	385.25	23.71	12.38	0.66
31	1428601	14/08/2019	30/08/2019	382.67	17.65	9.21	0.49
L	1428602	14/08/2019	30/08/2019	382.42	15.69	8.19	0.44
K	1428603	14/08/2019	30/08/2019	382.33	9.64	5.03	0.27
A	1428604	14/08/2019	30/08/2019	382.50	21.40	11.17	0.60
24	1428605	14/08/2019	30/08/2019	382.42	15.65	8.17	0.44
B	1428606	14/08/2019	30/08/2019	382.17	15.45	8.06	0.43
H	1428607	14/08/2019	30/08/2019	382.50	24.35	12.71	0.68
9	1428608	14/08/2019	30/08/2019	382.33	35.52	18.54	0.99
F	1428609	14/08/2019	30/08/2019	382.33	29.91	15.61	0.83
13	1428610	14/08/2019	30/08/2019	381.50	24.34	12.71	0.68
G	1428611	14/08/2019	30/08/2019	381.42	38.42	20.05	1.07
0 (Control)	1428612			385.67	0.14	0.07	0.00
Laboratory Blank				385.67	0.18	0.09	0.005

Comment: Results are not blank subtracted

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

Overall M.U. $\pm 9.7\%$

Tube Preparation: 20% TEA / Water

Analyst Name Molly Bevan

Limit of Detection 0.031 μgNO_2

Analysed on UV CARY2

Report Checked By Adam Robinson

Date of Analysis

Date of Report 06/09/2019

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.

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Signed.....
L. Gates, Laboratory Manager