

LABORATORY ANALYSIS REPORT

AMMONIA ANALYSIS BY ION CHROMATOGRAPHY

REPORT NUMBER N05692R

BOOKING IN REFERENCE No N05692

DESPATCH NOTE No 73023

CUSTOMER Sia Estonian Latvian & Lithuanian Attn: Julija Doktorova

Vilandes Iela 3
Dz. 6
Riga
LV-1010
Latvija

DATE SAMPLES RECEIVED 06/08/2019

JOB NUMBER

Location	Sample Number	Date Exposed	Date Finished	Exposure Hours	µg/ml NH ₄ ⁺	µg/ml NH ₄ ⁺ Blank	NH ₃ µg/m ³ *	NH ₃ ppb*
1	1407652	11/07/2019	31/07/2019	479.17	0.19	0.17	3.24	4.57
2	1407653	11/07/2019	31/07/2019	479.00	0.20	0.17	3.36	4.74
3	1407654	11/07/2019	31/07/2019	478.67	0.19	0.16	3.20	4.52
5	1407655	11/07/2019	31/07/2019	477.83	0.22	0.19	3.74	5.27
27	1407656	11/07/2019	31/07/2019	477.67	0.25	0.22	4.31	6.08
26	1407657	11/07/2019	31/07/2019	476.75	0.25	0.22	4.28	6.04
D	1407658	11/07/2019	31/07/2019	476.75	0.22	0.19	3.82	5.39
C	1407659	11/07/2019	31/07/2019	476.67	0.24	0.21	4.24	5.97
32	1407660	11/07/2019	31/07/2019	476.58	0.21	0.18	3.52	4.96
16	1407661	12/07/2019	01/08/2019	479.08	0.22	0.19	3.71	5.23
L	1407662	12/07/2019	01/08/2019	478.50	0.20	0.18	3.47	4.90
K	1407663	12/07/2019	01/08/2019	478.33	0.18	0.16	3.09	4.35
24	1407664	12/07/2019	01/08/2019	477.42	0.21	0.18	3.59	5.07
22	1407665	12/07/2019	01/08/2019	477.33	0.24	0.21	4.12	5.81
B	1407666	12/07/2019	01/08/2019	477.25	0.28	0.25	4.88	6.89
H	1407667	12/07/2019	01/08/2019	477.17	0.23	0.20	3.93	5.54
17	1407668	12/07/2019	01/08/2019	477.33	0.24	0.21	4.18	5.89
14	1407669	12/07/2019	01/08/2019	473.75	0.21	0.19	3.67	5.17
15	1407670	12/07/2019	01/08/2019	473.67	0.22	0.19	3.84	5.41
13	1407671	12/07/2019	01/08/2019	473.58	0.23	0.20	4.00	5.64

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.

Form LQF32b Issue 8 – June 2018

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

LABORATORY ANALYSIS REPORT

0 (Control)	1407672	0.09	0.07
Laboratory Blank		0.03	

Comment: Results are blank subtracted

Customer blank was high. Laboratory blank used for blank correction.

Analysed on Dionex ICS1100 ICU09

µg/m³ NH₃ in air calculated using updated sampling rate.

Overall M.U.	±9.6%	Reporting limit	0.057µg/ml NH ₄ ⁺
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Analyst Name	Sarannya Chandran	Report Checked By	S. Minns
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Date of Analysis	12/08/2019	Date of Report	13/08/2019
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Analysis has been carried out in accordance with in-house method GLM 8

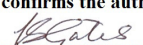
Samples have been tested within the scope of Gradko International Ltd. Laboratory Quality Procedures. Data provided by the client and any subsequent calculations shall be indicated by an asterisk (*), these calculations and results are not within the scope of our UKAS accreditation. The results within 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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LABORATORY ANALYSIS REPORT

AMMONIA ANALYSIS BY ION CHROMATOGRAPHY

REPORT NUMBER N06392R
BOOKING IN REFERENCE No N06392
DESPATCH NOTE No 73526
CUSTOMER Sia Estonian Latvian & Lithuanian Attn: Ruta Kuriene
Vilandes Iela 3
Dz. 6
Riga
LV-1010
Latvija
DATE SAMPLES RECEIVED 03/09/2019

	Sample	Date	Date	Exposure	µg/ml	µg/ml	NH ₃	NH ₃
Location	Number	Exposed	Finished	Hours	NH ₄ ⁺	- Blank	µg/m ³ *	ppb*
1	1428664	13/08/2019	29/08/2019	386.25	0.18	0.15	3.72	5.24
2	1428665	13/08/2019	29/08/2019	386.00	0.24	0.22	5.26	7.42
3	1428666	13/08/2019	29/08/2019	385.83	0.23	0.20	4.82	6.80
5	1428667	13/08/2019	29/08/2019	385.67	0.31	0.28	6.82	9.61
27	1428668	13/08/2019	29/08/2019	385.50	0.31	0.28	6.89	9.71
D	1428669	13/08/2019	29/08/2019	385.33	0.27	0.24	5.84	8.24
26	1428670	13/08/2019	29/08/2019	385.25	0.32	0.29	7.12	10.04
C	1428671	13/08/2019	29/08/2019	385.25	0.26	0.24	5.75	8.10
32	1428672	13/08/2019	29/08/2019	385.17	0.22	0.20	4.77	6.73
16	1428673	14/08/2019	30/08/2019	382.75	0.20	0.18	4.33	6.11
L	1428674	14/08/2019	30/08/2019	382.42	0.26	0.23	5.63	7.94
K	1428675	14/08/2019	30/08/2019	382.33	0.22	0.19	4.62	6.52
24	1428676	14/08/2019	30/08/2019	382.42	0.25	0.22	5.47	7.71
22	1428677	14/08/2019	30/08/2019	382.33	0.26	0.23	5.60	7.89
B	1428678	14/08/2019	30/08/2019	382.17	0.26	0.23	5.69	8.02
H	1428679	14/08/2019	30/08/2019	382.50	0.27	0.25	6.03	8.51
17	1428680	14/08/2019	30/08/2019	382.33	0.24	0.21	5.12	7.21
14	1428681	14/08/2019	30/08/2019	382.08	0.21	0.18	4.47	6.30
15	1428682	14/08/2019	30/08/2019	381.83	0.24	0.21	5.24	7.38
13	1428683	14/08/2019	30/08/2019	381.50	0.24	0.22	5.32	7.50
O Control	1428684				0.11			
Laboratory Blank					0.03			

Comment: Results are blank subtracted

Analysed on Dionex ICS1100 ICU09

µg/m³ NH₃ in air calculated using updated sampling rate.

Customer blank was high. Laboratory blank used for blank correction.

Overall M.U. ±9.6%

Reporting limit 0.057µg/ml NH₄⁺

Analyst Name Sarannya Chandran

Report Checked By C. Fraser

Date of Analysis 13/09/2019

Date of Report 16/09/2019

Analysis has been carried out in accordance with in-house method GLM 8

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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