LB117485

Test results | Aquakem 7.2AQ1 | Page: 1

CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : 12 Instrument ID : Konelab

11/22/2021 11:06

Test: Ammonia-N mg/L

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.941	0.0	0.180	
ICB1	0.018	0.0	0.013	
CCV1	0.930	0.0	0.179	
CCB1	0.015	0.0	0.012	
PB140927BL	0.016	0.0	0.013	
PB140927BS	0.931	0.0	0.179	
M4759-01	5.864	0.0	1.074	Test limit high
M4775-02	0.026	0.0	0.014	
M4775-02DUP	0.020	0.0	0.013	
M4775-02MS	0.998	0.0	0.191	
M4775-02MSD	1.034	0.0	0.197	
M4775-04	7.877	0.0	1.440	Test limit high
M4775-06	0.045	0.0	0.018	
CCV2	0.976	0.0	0.187	
CCB2	0.048	0.0	0.018	
M4775-08	55.212	0.0	10.035	Abs. high, Init abs., Tes
M4775-10	5.842	0.0	1.070	Test limit high
M4785-01	0.256	0.0	0.056	
M4785-05	3.720	0.0	0.685	Test limit high
DOC-1	0.975	0.0	0.187	
DOC-2	0.973	0.0	0.186	
DOC-3	0.986	0.0	0.189	
DOC-4	0.986	0.0	0.189	
CCV3	0.975	0.0	0.187	
CCB3	0.023	0.0	0.014	
M4734-01	0.100	0.0	0.028	
M4759-01DLX5	1.144	0.0	0.217	
M4775-04DLX10	0.757	0.0	0.147	
M4775-08DLX50	1.132	0.0	0.215	
M4775-10DLX5	1.124	0.0	0.214	
M4785-05DLX5	0.739	0.0	0.144	
CCV4	0.967	0.0	0.185	
CCB4	0.020	0.0	0.013	

N	33
Mean	2.899
SD	9.5718
CV%	330.17

Aquakem v. 7.2AQ1
Results from time period:
Mon Nov 22 10:00:03 2021
Mon Nov 22 11:04:02 2021

Sample Id	Sam/Ctr/c/	Test short ı	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-I	P	0.017	mg/l	11/22/2021 8:47:31	
0.1PPM	A	Ammonia-I	P	0.1055	mg/l	11/22/2021 8:47:32	
0.2PPM	A	Ammonia-I	P	0.2032	mg/l	11/22/2021 8:47:33	
0.4PPM	A	Ammonia-I	P	0.3921	mg/l	11/22/2021 8:47:34	
1.0PPM	A	Ammonia-I	P	0.9934	mg/l	11/22/2021 8:47:35	
1.3PPM	A	Ammonia-I	P	1.2867	mg/l	11/22/2021 8:47:36	
2.0PPM	A	Ammonia-I	P	2.0353	mg/l	11/22/2021 8:47:37	
ICV1	S	Ammonia-I	P	0.9405	mg/l	11/22/2021 10:00:04	
ICB1	S	Ammonia-I	P	0.0179	mg/l	11/22/2021 10:00:05	
CCV1	S	Ammonia-I	P	0.9303	mg/l	11/22/2021 10:00:07	
CCB1	S	Ammonia-I	P	0.0152	mg/l	11/22/2021 10:00:09	
PB140927BL	S	Ammonia-I	P	0.0164	mg/l	11/22/2021 10:00:11	
PB140927BS	S	Ammonia-I	P	0.9307	mg/l	11/22/2021 10:00:12	
M4759-01	S	Ammonia-I	P	5.8637	mg/l	11/22/2021 10:00:14	
M4775-02	S	Ammonia-I	P	0.0259	mg/l	11/22/2021 10:10:43	
M4775-02DUP	S	Ammonia-I	P	0.0201	mg/l	11/22/2021 10:10:44	
M4775-02MS	S	Ammonia-I	P	0.9983	mg/l	11/22/2021 10:10:45	
M4775-02MSD	S	Ammonia-I	P	1.0341	mg/l	11/22/2021 10:10:46	
M4775-04	S	Ammonia-I	P	7.8766	mg/l	11/22/2021 10:10:47	
M4775-06	S	Ammonia-I	P	0.0445	mg/l	11/22/2021 10:10:48	
CCV2	S	Ammonia-I	P	0.9757	mg/l	11/22/2021 10:10:49	
CCB2	S	Ammonia-I	P	0.0476	mg/l	11/22/2021 10:10:50	
M4775-08	S	Ammonia-I	P	55.2122	mg/l	11/22/2021 10:10:51	
M4775-10	S	Ammonia-I	P	5.8416	mg/l	11/22/2021 10:10:52	
M4785-01	S	Ammonia-I	P	0.2558	mg/l	11/22/2021 10:10:53	
M4785-05	S	Ammonia-I	P	3.7198	mg/l	11/22/2021 10:10:54	
DOC-1	S	Ammonia-I	P	0.9754	mg/l	11/22/2021 10:17:57	
DOC-2	S	Ammonia-I	P	0.9731	mg/l	11/22/2021 10:17:58	
DOC-3	S	Ammonia-I	P	0.9863	mg/l	11/22/2021 10:17:59	
DOC-4	S	Ammonia-I	P	0.9858	mg/l	11/22/2021 10:18:00	
CCV3	S	Ammonia-I	P	0.9746	mg/l	11/22/2021 10:18:01	
CCB3	S	Ammonia-I	P	0.0232	mg/l	11/22/2021 10:18:02	
M4734-01	S	Ammonia-I	P	0.1005	mg/l	11/22/2021 11:03:55	
M4759-01DLX5	S	Ammonia-I	P	1.144	mg/l	11/22/2021 11:03:56	
M4775-04DLX1(	S	Ammonia-I	P	0.7565	mg/l	11/22/2021 11:03:57	
M4775-08DLX5(	S	Ammonia-I	P	1.1316	mg/l	11/22/2021 11:03:58	
M4775-10DLX5	S	Ammonia-I	P	1.1242	mg/l	11/22/2021 11:03:59	
M4785-05DLX5	S	Ammonia-I	P	0.7395	mg/l	11/22/2021 11:04:00	
CCV4	S	Ammonia-I	P	0.9674	mg/l	11/22/2021 11:04:01	
CCB4	S	Ammonia-I	P	0.0196	mg/l	11/22/2021 11:04:02	

Calibration results Aquakem 7.2AQ1 Page: 1

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Reviewed by : 12 Instrument ID : Konelab

11/22/2021 8:47

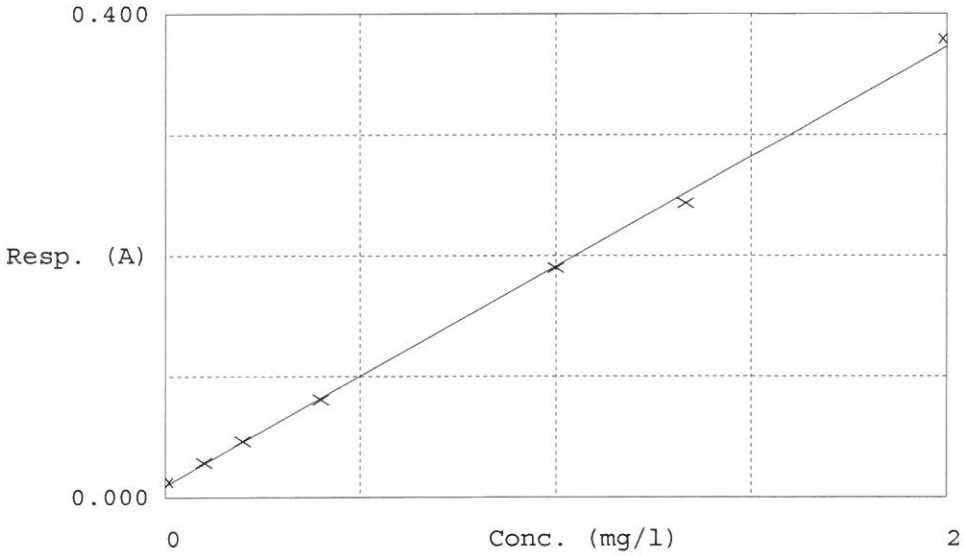
Test Ammonia-N

Accepted 11/22/2021 8:47

Factor 5.507
Bias 0.010

Coeff. of det. 0.998857

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.013	0.0170	0.0000	—
2	NH3-2PPM	0.029	0.1055	0.1000	5.5
3	NH3-2PPM	0.047	0.2032	0.2000	1.6
4	NH3-2PPM	0.081	0.3921	0.4000	-2.0
5	NH3-2PPM	0.190	0.9934	1.0000	-0.7
6	NH3-2PPM	0.243	1.2867	1.3333	-1.0
7	NH3-2PPM	0.379	2.0353	2.0000	1.8

12
11/22/21