

Test results

Aquakem 7.2AQ1

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CHEMTECH
284 Sheffield Street,
Mountainside, NJ 07092
Reviewed by : AS

10/31/2017 12:27

LB 91236

Test: Ammonia-N *mg/d*

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.991	0.0	0.214	
ICB1	0.023	0.0	0.025	
CCV1	0.954	0.0	0.207	
CCB1	0.025	0.0	0.025	
PB103766BL	0.023	0.0	0.025	
PB103766BS	0.922	0.0	0.200	
DOC-1	0.916	0.0	0.199	
DOC-2	0.943	0.0	0.205	
DOC-3	0.949	0.0	0.206	
DOC-4	0.906	0.0	0.197	
I6179-02	0.306	0.0	0.080	
I6179-03	0.176	0.0	0.055	
I6179-04	0.233	0.0	0.066	
I6179-05	0.180	0.0	0.055	
CCV2	0.925	0.0	0.201	
CCB2	0.033	0.0	0.027	
PB103767BL	0.033	0.0	0.027	
PB103767BS	0.955	0.0	0.207	
I6210-01MS	2.048	0.0	0.421	Test limit high
I6210-01MSD	2.158	0.0	0.442	Test limit high
I6210-01	1.276	0.0	0.269	
I6210-01DUP	1.245	0.0	0.264	
I6213-01	0.201	0.0	0.059	
DOC SOIL-1	0.902	0.0	0.196	
DOC SOIL-2	0.970	0.0	0.210	
CCV3	0.954	0.0	0.207	
CCB3	0.030	0.0	0.026	
DOC SOIL-3	0.951	0.0	0.206	
DOC SOIL-4	0.932	0.0	0.202	
CCV4	0.922	0.0	0.200	
CCB4	0.036	0.0	0.027	
I6179-01	0.281	0.0	0.075	
I6179-01DUP	0.292	0.0	0.077	
I6179-01MS	1.124	0.0	0.240	
I6179-01MSD	1.128	0.0	0.241	
I6179-06	0.156	0.0	0.051	
I6179-07	0.178	0.0	0.055	
I6179-08	0.346	0.0	0.088	
I6179-09	0.102	0.0	0.040	
I6179-10	0.416	0.0	0.102	
I6179-11	0.237	0.0	0.066	
CCV4 CCB5	0.917	0.0	0.199	
CCB4 CCB5	0.030	0.0	0.026	

10/31/17

N	43
Mean	0.636
SD	0.5374
CV%	84.55

Aquakem v. 7.2AQ1

Results from time period:

Tue Oct 31 10:10:57 2017

Tue Oct 31 12:11:12 2017

Sample Id	Sam/Ctr/c/	Test short name	Test type	Result	Result unit	Result date and time
0.1PPM	A	Ammonia-N	P	0.1172	mg/l	10/31/2017 10:10:57
0.2PPM	A	Ammonia-N	P	0.2027	mg/l	10/31/2017 10:10:58
0.4PPM	A	Ammonia-N	P	0.3938	mg/l	10/31/2017 10:10:59
1.0PPM	A	Ammonia-N	P	0.9611	mg/l	10/31/2017 10:11:00
1.3PPM	A	Ammonia-N	P	1.3502	mg/l	10/31/2017 10:11:01
2.0PPM	A	Ammonia-N	P	2.0083	mg/l	10/31/2017 10:11:02
ICV1	S	Ammonia-N	P	0.9915	mg/l	10/31/2017 11:14:50
ICB1	S	Ammonia-N	P	0.0232	mg/l	10/31/2017 11:14:52
CCV1	S	Ammonia-N	P	0.9541	mg/l	10/31/2017 11:14:54
CCB1	S	Ammonia-N	P	0.0247	mg/l	10/31/2017 11:14:57
PB103766BL	S	Ammonia-N	P	0.0232	mg/l	10/31/2017 11:14:58
PB103766BS	S	Ammonia-N	P	0.922	mg/l	10/31/2017 11:14:59
DOC-1	S	Ammonia-N	P	0.9164	mg/l	10/31/2017 11:15:00
DOC-2	S	Ammonia-N	P	0.9432	mg/l	10/31/2017 11:15:01
DOC-3	S	Ammonia-N	P	0.9489	mg/l	10/31/2017 11:25:33
DOC-4	S	Ammonia-N	P	0.9065	mg/l	10/31/2017 11:25:34
I6179-02	S	Ammonia-N	P	0.3061	mg/l	10/31/2017 11:25:41
I6179-03	S	Ammonia-N	P	0.176	mg/l	10/31/2017 11:25:42
I6179-04	S	Ammonia-N	P	0.2326	mg/l	10/31/2017 11:25:43
I6179-05	S	Ammonia-N	P	0.1802	mg/l	10/31/2017 11:25:44
CCV2	S	Ammonia-N	P	0.9245	mg/l	10/31/2017 11:36:23
CCB2	S	Ammonia-N	P	0.0328	mg/l	10/31/2017 11:36:24
PB103767BL	S	Ammonia-N	P	0.0331	mg/l	10/31/2017 11:36:25
PB103767BS	S	Ammonia-N	P	0.9546	mg/l	10/31/2017 11:36:26
I6210-01MS	S	Ammonia-N	P	2.0484	mg/l	10/31/2017 11:36:27
I6210-01MSD	S	Ammonia-N	P	2.1582	mg/l	10/31/2017 11:36:28
I6210-01	S	Ammonia-N	P	1.2756	mg/l	10/31/2017 11:46:59
I6210-01DUP	S	Ammonia-N	P	1.2452	mg/l	10/31/2017 11:47:00
I6213-01	S	Ammonia-N	P	0.2011	mg/l	10/31/2017 11:47:01
DOC SOIL-1	S	Ammonia-N	P	0.9019	mg/l	10/31/2017 11:47:02
DOC SOIL-2	S	Ammonia-N	P	0.9704	mg/l	10/31/2017 11:47:03
CCV3	S	Ammonia-N	P	0.9536	mg/l	10/31/2017 11:47:05
CCB3	S	Ammonia-N	P	0.0302	mg/l	10/31/2017 11:47:06
DOC SOIL-3	S	Ammonia-N	P	0.9512	mg/l	10/31/2017 11:47:07
DOC SOIL-4	S	Ammonia-N	P	0.9318	mg/l	10/31/2017 11:47:08
CCV4	S	Ammonia-N	P	0.9224	mg/l	10/31/2017 11:47:09
CCB4	S	Ammonia-N	P	0.0365	mg/l	10/31/2017 11:47:10
I6179-01	S	Ammonia-N	P	0.2811	mg/l	10/31/2017 11:57:22
I6179-01DUP	S	Ammonia-N	P	0.2922	mg/l	10/31/2017 11:57:23
I6179-01MS	S	Ammonia-N	P	1.1237	mg/l	10/31/2017 11:57:24
I6179-01MSD	S	Ammonia-N	P	1.1284	mg/l	10/31/2017 11:59:35
I6179-06	S	Ammonia-N	P	0.1564	mg/l	10/31/2017 12:11:05

I6179-07	S	Ammonia-N	P	0.1776 mg/l	10/31/2017 12:11:06
I6179-08	S	Ammonia-N	P	0.3458 mg/l	10/31/2017 12:11:07
I6179-09	S	Ammonia-N	P	0.1019 mg/l	10/31/2017 12:11:08
I6179-10	S	Ammonia-N	P	0.4164 mg/l	10/31/2017 12:11:09
I6179-11	S	Ammonia-N	P	0.2368 mg/l	10/31/2017 12:11:10
CCV5	S	Ammonia-N	P	0.9172 mg/l	10/31/2017 12:11:11
CCB5	S	Ammonia-N	P	0.0305 mg/l	10/31/2017 12:11:12

CHEMTECH
284 Sheffield Street,
Mountainside, NJ 07092
Reviewed by : AS

10/31/2017 10:18

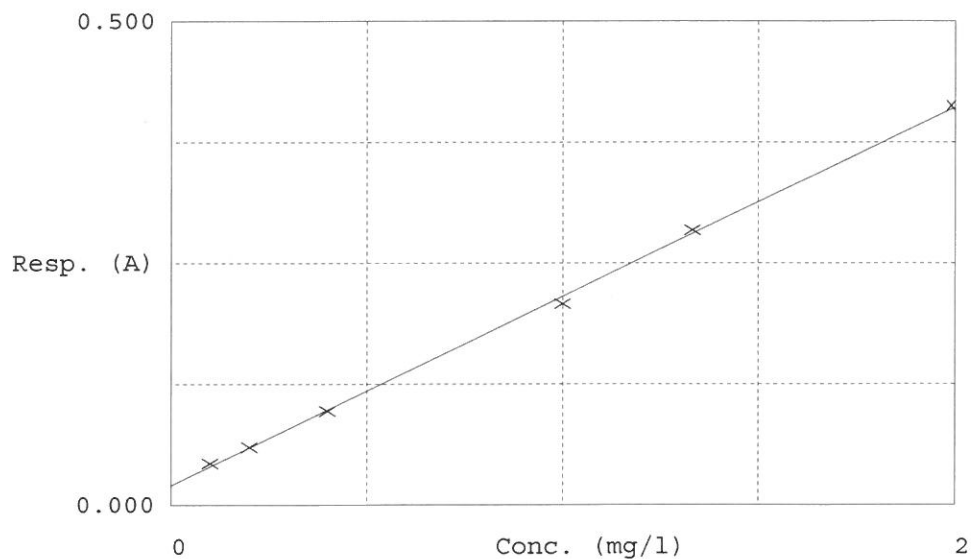
Test Ammonia-N

Accepted 10/31/2017 10:18

Factor 5.116
Bias 0.020

Coeff. of det. 0.999202

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	NH3-2PPM	0.043	0.1172	0.1000	
2	NH3-2PPM	0.060	0.2027	0.2000	
3	NH3-2PPM	0.097	0.3938	0.4000	
4	NH3-2PPM	0.208	0.9611	1.0000	
5	NH3-2PPM	0.284	1.3502	1.3333	
6	NH3-2PPM	0.413	2.0083	2.0000	