LB36368

Test results | Aquakem 7.2AQ1 | Page: 1

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

3/15/2017 13:37

Test: Ammonia-N

Sample Id	Result mg/L	Dil. 1 +	Response	Errors
ICV1	1.009	0.0	0.251	
ICB1	-0.004	0.0	0.037	
CCV1	1.017	0.0	0.252	
CCB1	0.001	0.0	0.038	
PB97600BL	0.000	0.0	0.038	
PB97600BS	1.013	0.0	0.251	
I2200-01	0.198	0.0	0.080	
I2200-01DUP	0.199	0.0	0.080	
I2200-01MS	1.238	0.0	0.299	
I2200-01MSD	1.193	0.0	0.289	
I2200-02	0.506	0.0	0.144	
I2200-03	0.090	0.0	0.057	
I2200-04	1.540	0.0	0.362	
I2200-05	1.978	0.0	0.455	
CCV2	1.014	0.0	0.252	
CCB2	-0.001	0.0	0.038	
I2200-06	0.564	0.0	0.157	
I2200-07	1.702	0.0	0.396	
I2200-08	1.347	0.0	0.322	
I2200-09	0.131	0.0	0.065	
I2200-10	0.457	0.0	0.134	
I2202-01	0.213	0.0	0.083	
I2202-02	0.542	0.0	0.152	
I2202-03	0.698	0.0	0.185	
I2202-04	0.205	0.0	0.081	
I2202-05	0.055	0.0	0.049	
CCV3	1.023	0.0	0.253	
CCB3	0.003	0.0	0.039	
I2202-06	0.944	0.0	0.237	
I2202-07	1.434	0.0	0.340	
I2202-08	2.021	0.0	0.464	Test limit high
CCV4	1.038	0.0	0.256	
CCB4	0.001	0.0	0.038	
I2202-08DLX2	1.049	0.0	0.259	
CCV5	1.062	0.0	0.262	
CCB5	0.013	0.0	0.041	

N	36
Mean	0.708
SD	0.6130
CV%	86.55

LB 86368

Aquakem v. 7.2AQ1
Results from time period:
Wed Mar 15 11:44:13 2017
Wed Mar 15 13:33:49 2017

AIC

Sample Id	Sam/Ctr/c	Test short n	Test type	Result	Result unit	Result date and time	Stat
0.1PPM	A	Ammonia-I	P	0.1119	mg/l	3/15/2017 11:44:13	
0.2PPM	A	Ammonia-I	P	0.2054	mg/l	3/15/2017 11:44:14	
0.4PPM	A	Ammonia-I	P	0.3997	mg/l	3/15/2017 11:44:15	
1.0PPM	A	Ammonia-I	P	0.9851	mg/l	3/15/2017 11:44:16	
1.3PPM	A	Ammonia-I	P	1.308	mg/l	3/15/2017 11:44:17	
2.0PPM	A	Ammonia-I	P	2.0233	mg/l	3/15/2017 11:44:18	
ICV1	S	Ammonia-I	P	1.0094	mg/l	3/15/2017 12:35:30	
ICB1	S	Ammonia-I	P	-0.0045	mg/l	3/15/2017 12:35:31	
CCV1	S	Ammonia-I	P	1.0174	mg/l	3/15/2017 12:35:32	
CCB1	S	Ammonia-I	P	0.0009	mg/l	3/15/2017 12:35:33	
PB97600BL	S	Ammonia-I	P	0.0004	mg/l	3/15/2017 12:35:34	
PB97600BS	S	Ammonia-I	P	1.0135	mg/l	3/15/2017 12:35:35	
I2200-01	S	Ammonia-I	P	0.1981	mg/l	3/15/2017 12:35:36	
I2200-01DUP	S	Ammonia-I	P	0.1987	mg/l	3/15/2017 12:35:37	
I2200-01MS	S	Ammonia-I	P	1.2383	mg/l	3/15/2017 12:35:38	
I2200-01MSD	S	Ammonia-I	P	1.1933	mg/l	3/15/2017 12:35:39	
I2200-02	S	Ammonia-I	P	0.5058	mg/l	3/15/2017 12:35:40	
I2200-03	S	Ammonia-I	P	0.0899	mg/l	3/15/2017 12:35:41	
I2200-04	S	Ammonia-I	P	1.5403	mg/l	3/15/2017 12:46:11	
I2200-05	S	Ammonia-I	P	1.9784	mg/l	3/15/2017 12:46:12	
CCV2	S	Ammonia-I	P	1.0143	mg/l	3/15/2017 12:46:13	
CCB2	S	Ammonia-I	P	-0.0012	mg/l	3/15/2017 12:46:14	
I2200-06	S	Ammonia-I	P	0.5639	mg/l	3/15/2017 12:46:15	
I2200-07	S	Ammonia-I	P	1.7015	mg/l	3/15/2017 12:46:16	
I2200-08	S	Ammonia-I	P	1.3468	mg/l	3/15/2017 12:46:17	
I2200-09	S	Ammonia-I	P	0.1309	mg/l	3/15/2017 12:46:18	
I2200-10	S	Ammonia-I	P	0.4571	mg/l	3/15/2017 12:46:19	
I2202-01	S	Ammonia-I	P	0.2129	mg/l	3/15/2017 12:46:20	
I2202-02	S	Ammonia-I	P	0.5418	mg/l	3/15/2017 12:46:21	
I2202-03	S	Ammonia-I	P	0.6982	mg/l	3/15/2017 12:46:22	
I2202-04	S	Ammonia-I	P	0.2051	mg/l	3/15/2017 12:55:45	
I2202-05	S	Ammonia-I	P	0.0551	mg/l	3/15/2017 12:55:46	
CCV3	S	Ammonia-I	P	1.0228	mg/l	3/15/2017 12:55:47	
CCB3	S	Ammonia-I	P	0.0033	mg/l	3/15/2017 12:55:48	
I2202-06	S	Ammonia-I	P	0.9439	mg/l	3/15/2017 12:55:49	
I2202-07	S	Ammonia-I	P	1.4343	mg/l	3/15/2017 12:55:50	
I2202-08	S	Ammonia-I	P	2.0207	mg/l	3/15/2017 12:55:51	
CCV4	S	Ammonia-I	P	1.0379	mg/l	3/15/2017 12:55:52	
CCB4	S	Ammonia-I	P	0.0013	mg/l	3/15/2017 12:55:53	
I2202-08DLX2	S	Ammonia-I	P	1.0491	mg/l	3/15/2017 13:33:47	
CCV5	S	Ammonia-I	P	1.0623	mg/l	3/15/2017 13:33:48	
CCB5	S	Ammonia-I	P	0.0129	mg/l	3/15/2017 13:33:49	

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Calibration results Aquakem 7.2AQ1 Page: 1

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284 Sheffield Street,
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Reviewed by : AK

3/15/2017 11:49

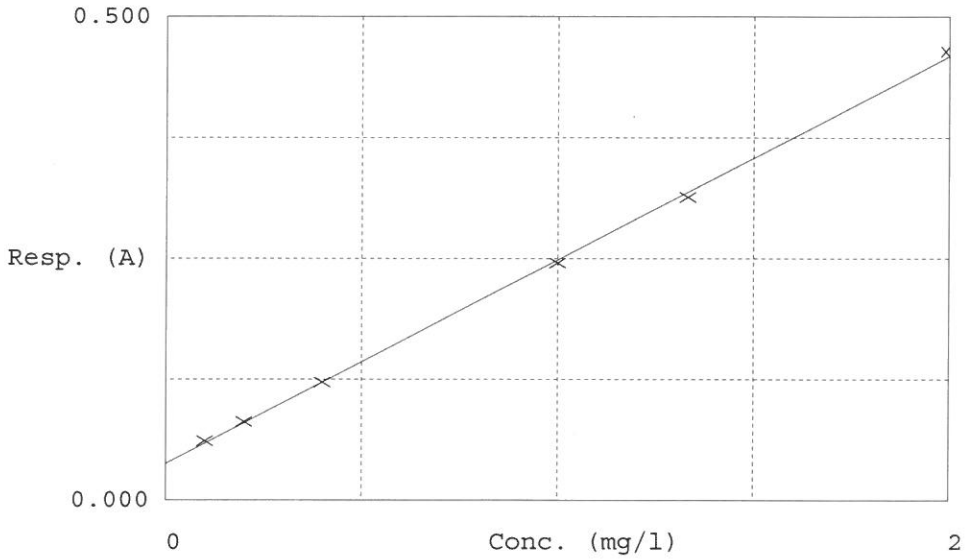
Test Ammonia-N

Accepted 3/15/2017 11:49

Factor 4.746
Bias 0.038

Coeff. of det. 0.999431

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	NH3-2PPM	0.061	0.1119	0.1000	
2	NH3-2PPM	0.081	0.2054	0.2000	
3	NH3-2PPM	0.122	0.3997	0.4000	
4	NH3-2PPM	0.245	0.9851	1.0000	
5	NH3-2PPM	0.313	1.3080	1.3333	
6	NH3-2PPM	0.464	2.0233	2.0000	