IB105280

Calibration results Aquakem 7.2AQ1 Page: 1

CHEMTECH
284 Sheffield Street,
Mountainside, NJ 07092
Reviewed by : GT Instrument ID : Konelab

9/23/2019 8:23

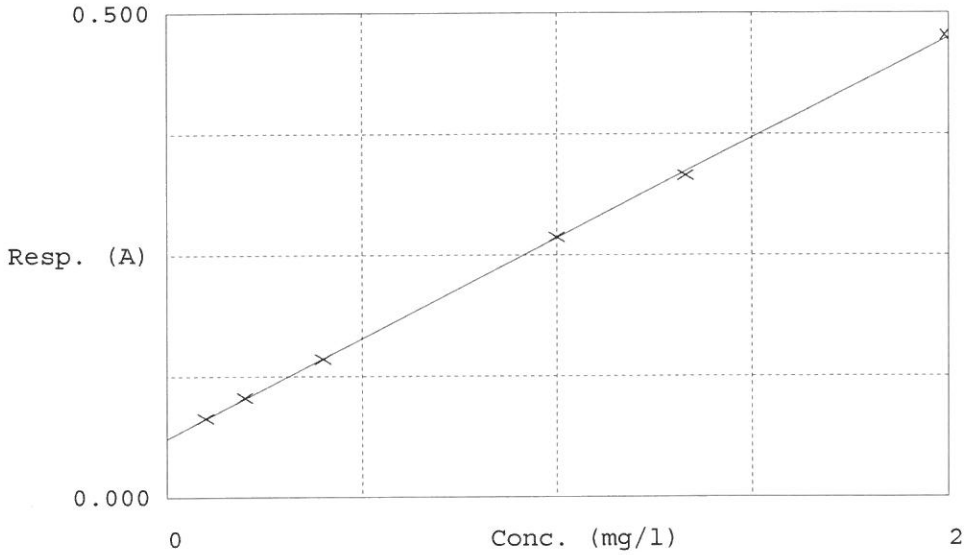
Test Ammonia-N

Accepted 9/23/2019 8:23

Factor 4.832
Bias 0.061

Coeff. of det. 0.999779

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	NH3-2PPM	0.082	0.1020	0.1000	
2	NH3-2PPM	0.103	0.2049	0.2000	
3	NH3-2PPM	0.143	0.3977	0.4000	
4	NH3-2PPM	0.269	1.0048	1.0000	
5	NH3-2PPM	0.332	1.3127	1.3333	
6	NH3-2PPM	0.477	2.0113	2.0000	

CHEMTECH
284 Sheffield Street,
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9/23/2019 10:34

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.998	0.0	0.267	
ICB1	0.030	0.0	0.067	
CCV1	0.956	0.0	0.259	
CCB1	0.022	0.0	0.065	
PB123251BL	0.014	0.0	0.064	
PB123251BS	0.981	0.0	0.264	
K4969-01	1.774	0.0	0.428	
K4969-01DUP	1.800	0.0	0.433	
k4969-01MS	2.290	0.0	0.534	Test limit high
K4969-01MSD	2.262	0.0	0.529	Test limit high
CCV2	0.935	0.0	0.254	
CCB2	0.015	0.0	0.064	
K4950-03X50	0.628	0.0	0.191	
K4950-03DUPX50	0.603	0.0	0.185	
K4950-03MSX50	0.726	0.0	0.211	
K4950-03MSDX50	0.696	0.0	0.205	
K4950-05X50	0.856	0.0	0.238	
CCV3	0.975	0.0	0.262	
CCB3	0.018	0.0	0.064	

N	19
Mean	0.872
SD	0.7258
CV%	83.19

Test results Aquakem 7.2AQ1 Page: 1

CHEMTECH
284 Sheffield Street,
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9/23/2019 13:55

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
CCV4	0.974	0.0	0.262	
CCB4	0.025	0.0	0.066	
PB123287BL	0.025	0.0	0.066	
PB123287BS	0.986	0.0	0.265	
CCV5	0.980	0.0	0.263	
CCB5	0.028	0.0	0.066	

N	6
Mean	0.503
SD	0.5224
CV%	103.88

CT
9/23/19

Aquakem v. 7.2AQ1
Results from time period:
Mon Sep 23 08:21:57 2019
Mon Sep 23 10:32:15 2019

Sample Id	Sam/Ctr/c/	Test short nar	Test type	Result	Result unit	Result date and time
0.1PPM	A	Ammonia-N	P	0.102	mg/l	9/23/2019 8:21:57
0.2PPM	A	Ammonia-N	P	0.2049	mg/l	9/23/2019 8:21:58
0.4PPM	A	Ammonia-N	P	0.3977	mg/l	9/23/2019 8:21:59
1.0PPM	A	Ammonia-N	P	1.0048	mg/l	9/23/2019 8:22:00
1.3PPM	A	Ammonia-N	P	1.3127	mg/l	9/23/2019 8:22:01
2.0PPM	A	Ammonia-N	P	2.0113	mg/l	9/23/2019 8:22:02
ICV1	S	Ammonia-N	P	0.9982	mg/l	9/23/2019 9:21:17
ICB1	S	Ammonia-N	P	0.0297	mg/l	9/23/2019 9:21:18
CCV1	S	Ammonia-N	P	0.9562	mg/l	9/23/2019 9:21:19
CCB1	S	Ammonia-N	P	0.0217	mg/l	9/23/2019 9:21:20
PB123251BL	S	Ammonia-N	P	0.0137	mg/l	9/23/2019 9:21:21
PB123251BS	S	Ammonia-N	P	0.9807	mg/l	9/23/2019 9:21:22
K4969-01	S	Ammonia-N	P	1.7735	mg/l	9/23/2019 9:21:23
K4969-01DUP	S	Ammonia-N	P	1.7999	mg/l	9/23/2019 9:21:24
k4969-01MS	S	Ammonia-N	P	2.2895	mg/l	9/23/2019 9:21:25
K4969-01MSD	S	Ammonia-N	P	2.2621	mg/l	9/23/2019 9:21:26
CCV2	S	Ammonia-N	P	0.9346	mg/l	9/23/2019 9:32:00
CCB2	S	Ammonia-N	P	0.0152	mg/l	9/23/2019 9:32:01
K4950-03X50	S	Ammonia-N	P	0.628	mg/l	9/23/2019 10:10:35
K4950-03DUPX50	S	Ammonia-N	P	0.6028	mg/l	9/23/2019 10:10:36
K4950-03MSX50	S	Ammonia-N	P	0.7257	mg/l	9/23/2019 10:10:37
K4950-03MSDX50	S	Ammonia-N	P	0.6958	mg/l	9/23/2019 10:10:38
K4950-05X50	S	Ammonia-N	P	0.8563	mg/l	9/23/2019 10:32:10
CCV3	S	Ammonia-N	P	0.9751	mg/l	9/23/2019 10:32:13
CCB3	S	Ammonia-N	P	0.0183	mg/l	9/23/2019 10:32:14
CCV4	S	Ammonia-N	P	0.9742	mg/l	9/23/2019 12:51:51
CCB4	S	Ammonia-N	P	0.0247	mg/l	9/23/2019 12:51:52
PB123287BL	S	Ammonia-N	P	0.0255	mg/l	9/23/2019 13:16:05
PB123287BS	S	Ammonia-N	P	0.9857	mg/l	9/23/2019 13:16:06
CCV5	S	Ammonia-N	P	0.9795	mg/l	9/23/2019 13:16:07
CCB5	S	Ammonia-N	P	0.0279	mg/l	9/23/2019 13:16:08