LB114905

Test results | Aquakem 7.2AQ1 | Page: 1

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

Reviewed by : AM | Instrument ID : Konelab

6/11/2021 12:44

Test: Ammonia-N

Sample Id	Result mg/L	Dil. 1 +	Response	Errors
ICV1	0.971	0.0	0.196	
ICB1	0.025	0.0	0.014	
CCV1	0.971	0.0	0.196	
CCB1	0.025	0.0	0.014	
PB136954BL	0.021	0.0	0.013	
PB136954BS	0.983	0.0	0.198	
M2637-01	0.038	0.0	0.017	
M2637-01DUP	0.040	0.0	0.017	
M2637-01MS	0.976	0.0	0.197	
M2637-01MSD	0.976	0.0	0.197	
M2637-02	0.034	0.0	0.016	
M2637-03	0.042	0.0	0.017	
M2637-04	0.040	0.0	0.017	
M2637-05	0.054	0.0	0.020	
CCV2	0.961	0.0	0.194	
CCB2	0.020	0.0	0.013	
M2651-01	1.109	0.0	0.222	
M2651-02	0.085	0.0	0.026	
M2651-03	0.080	0.0	0.025	
M2651-04	0.017	0.0	0.013	
M2651-05	0.027	0.0	0.014	
M2658-01	0.027	0.0	0.015	
M2658-04	0.031	0.0	0.015	
M2658-07	0.025	0.0	0.014	
M2658-10	0.033	0.0	0.016	
M2658-13	0.032	0.0	0.016	
CCV3	0.964	0.0	0.195	
CCB3	0.026	0.0	0.014	
M2658-16	0.034	0.0	0.016	
M2673-01	0.035	0.0	0.016	
M2673-02	0.037	0.0	0.016	
M2673-03	0.044	0.0	0.018	
PB136997BL	0.028	0.0	0.015	
PB136997BS	1.016	0.0	0.205	
CCV4	1.012	0.0	0.204	
CCB4	0.028	0.0	0.015	
M2674-01	0.041	0.0	0.017	
M2674-01DUP	0.048	0.0	0.019	
M2674-01MS	1.011	0.0	0.204	
M2674-01MSD	0.998	0.0	0.201	
M2674-02	0.072	0.0	0.023	
M2674-03	0.123	0.0	0.033	
M2674-04	0.101	0.0	0.029	
M2674-05	0.039	0.0	0.017	
M2674-06	0.076	0.0	0.024	
CCV5	0.983	0.0	0.198	
CCB5	0.017	0.0	0.013	
~~CCB5~~	~~0.028~~	~~0.0~~	~~0.015~~	

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

Reviewed by : AM Instrument ID : Konelab

6/11/2021 12:44

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Ô□„

N	48
Mean	0.300
SD	0.4287
CV%	142.86

Aquakem v. 7.2AQ1
Results from time period:
Fri Jun 11 11:07:44 2021
Fri Jun 11 12:19:12 2021

Sample Id	Sam/Ctr/c	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-I	P	0.0192	mg/l	6/11/2021 9:21:51	
0.1PPM	A	Ammonia-I	P	0.1115	mg/l	6/11/2021 9:21:52	
0.2PPM	A	Ammonia-I	P	0.1955	mg/l	6/11/2021 9:21:53	
0.4PPM	A	Ammonia-I	P	0.3921	mg/l	6/11/2021 9:21:54	
1.0PPM	A	Ammonia-I	P	1.0067	mg/l	6/11/2021 9:21:55	
1.3PPM	A	Ammonia-I	P	1.2639	mg/l	6/11/2021 9:21:56	
2.0PPM	A	Ammonia-I	P	2.0444	mg/l	6/11/2021 9:21:57	
ICV1	S	Ammonia-I	P	0.9708	mg/l	6/11/2021 11:07:44	
ICB1	S	Ammonia-I	P	0.0246	mg/l	6/11/2021 11:07:46	
CCV1	S	Ammonia-I	P	0.9711	mg/l	6/11/2021 11:07:48	
CCB1	S	Ammonia-I	P	0.0254	mg/l	6/11/2021 11:07:50	
PB136954BL	S	Ammonia-I	P	0.0212	mg/l	6/11/2021 11:07:52	
PB136954BS	S	Ammonia-I	P	0.9831	mg/l	6/11/2021 11:07:53	
M2637-01	S	Ammonia-I	P	0.0379	mg/l	6/11/2021 11:07:54	
M2637-01DUP	S	Ammonia-I	P	0.0402	mg/l	6/11/2021 11:07:55	
M2637-01MS	S	Ammonia-I	P	0.9764	mg/l	6/11/2021 11:18:25	
M2637-01MSD	S	Ammonia-I	P	0.976	mg/l	6/11/2021 11:18:26	
M2637-02	S	Ammonia-I	P	0.034	mg/l	6/11/2021 11:18:27	
M2637-03	S	Ammonia-I	P	0.0417	mg/l	6/11/2021 11:18:28	
M2637-04	S	Ammonia-I	P	0.0402	mg/l	6/11/2021 11:18:29	
M2637-05	S	Ammonia-I	P	0.0543	mg/l	6/11/2021 11:18:30	
CCV2	S	Ammonia-I	P	0.9606	mg/l	6/11/2021 11:18:31	
CCB2	S	Ammonia-I	P	0.0204	mg/l	6/11/2021 11:18:33	
M2651-01	S	Ammonia-I	P	1.1089	mg/l	6/11/2021 11:18:35	
M2651-02	S	Ammonia-I	P	0.0845	mg/l	6/11/2021 11:18:36	
M2651-03	S	Ammonia-I	P	0.0795	mg/l	6/11/2021 11:28:34	
M2651-04	S	Ammonia-I	P	0.0167	mg/l	6/11/2021 11:28:35	
M2651-05	S	Ammonia-I	P	0.027	mg/l	6/11/2021 11:28:36	
M2658-01	S	Ammonia-I	P	0.0273	mg/l	6/11/2021 11:28:37	
M2658-04	S	Ammonia-I	P	0.0314	mg/l	6/11/2021 11:28:38	
M2658-07	S	Ammonia-I	P	0.0255	mg/l	6/11/2021 11:28:39	
M2658-10	S	Ammonia-I	P	0.0329	mg/l	6/11/2021 11:28:40	
M2658-13	S	Ammonia-I	P	0.0324	mg/l	6/11/2021 11:28:41	
CCV3	S	Ammonia-I	P	0.9637	mg/l	6/11/2021 11:28:42	
CCB3	S	Ammonia-I	P	0.0264	mg/l	6/11/2021 11:28:43	
M2658-16	S	Ammonia-I	P	0.0337	mg/l	6/11/2021 11:45:51	
M2673-01	S	Ammonia-I	P	0.035	mg/l	6/11/2021 11:45:52	
M2673-02	S	Ammonia-I	P	0.0372	mg/l	6/11/2021 11:45:55	
M2673-03	S	Ammonia-I	P	0.0436	mg/l	6/11/2021 11:45:57	
PB136997BL	S	Ammonia-I	P	0.0277	mg/l	6/11/2021 11:53:04	
PB136997BS	S	Ammonia-I	P	1.016	mg/l	6/11/2021 11:53:05	
CCV4	S	Ammonia-I	P	1.0119	mg/l	6/11/2021 11:53:07	

CCB4	S	Ammonia-I P	0.0283	mg/l	6/11/2021 11:53:09
M2674-01	S	Ammonia-I P	0.0414	mg/l	6/11/2021 12:15:56
M2674-01DUP	S	Ammonia-I P	0.0482	mg/l	6/11/2021 12:15:57
M2674-01MS	S	Ammonia-I P	1.0111	mg/l	6/11/2021 12:15:58
M2674-01MSD	S	Ammonia-I P	0.9981	mg/l	6/11/2021 12:15:59
M2674-02	S	Ammonia-I P	0.0716	mg/l	6/11/2021 12:16:00
M2674-03	S	Ammonia-I P	0.1233	mg/l	6/11/2021 12:16:01
M2674-04	S	Ammonia-I P	0.1009	mg/l	6/11/2021 12:16:02
M2674-05	S	Ammonia-I P	0.0393	mg/l	6/11/2021 12:16:03
M2674-06	S	Ammonia-I P	0.0762	mg/l	6/11/2021 12:16:04
CCV5	S	Ammonia-I P	0.9826	mg/l	6/11/2021 12:16:05
CCB5	S	Ammonia-I P	0.0168	mg/l	6/11/2021 12:16:07

Calibration results Aquakem 7.2AQ1 Page: 1

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

Reviewed by : AM Instrument ID : Konelab

6/11/2021 9:27

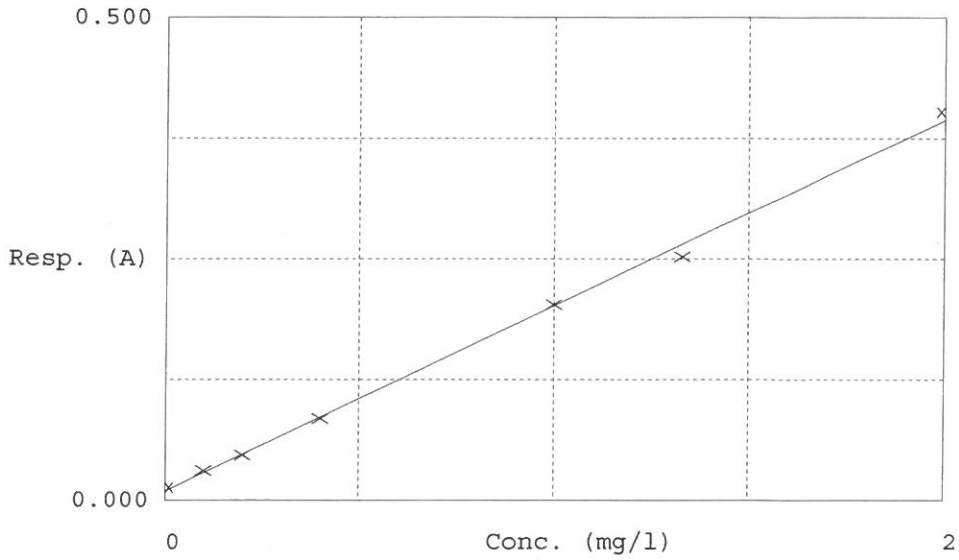
Test Ammonia-N

Accepted 6/11/2021 9:27

Factor 5.202
Bias 0.009

Coeff. of det. 0.997802

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors %RE
1	0.00PPM	0.013	0.0192	0.0000	11.5
2	NH3-2PPM	0.031	0.1115	0.1000	-2.2
3	NH3-2PPM	0.047	0.1955	0.2000	-2.0
4	NH3-2PPM	0.085	0.3921	0.4000	0.7
5	NH3-2PPM	0.203	1.0067	1.0000	-5.2
6	NH3-2PPM	0.252	1.2639	1.3333	2.2
7	NH3-2PPM	0.402	2.0444	2.0000	

06/11/2021
AM