Lb127828

Test results | Aquakem 7.2AQ1 | Page: 1

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

Reviewed by : RM | Instrument ID : Konelab

10/17/2023 11:47

Test: Ammonia-N

Sample Id	Result mg/L	Dil. 1 +	Response	Errors
ICV1	0.960	0.0	0.226	
ICB1	0.009	0.0	0.026	
CCV1	0.987	0.0	0.231	
CCB1	0.010	0.0	0.026	
RL CHECK	0.107	0.0	0.046	107% (50-150) 10/17/2023 RM
PB156425BL	0.010	0.0	0.026	
PB156425BS	0.965	0.0	0.227	
O4894-01	2.515	0.0	0.552	Test limit high
O4894-01DU P	3.061	0.0	0.667	Test limit high
O4894-01MS	3.438	0.0	0.746	Test limit high
O4894-01MSD	3.468	0.0	0.753	Test limit high
O4894-02	2.584	0.0	0.567	Test limit high
O4909-01	14.330	0.0	3.034	Init abs., Test limit hig
O4911-01	27.685	0.0	5.840	Init abs., Test limit hig
CCV2	0.936	0.0	0.221	
CCB2	0.017	0.0	0.027	
O4911-02	0.015	0.0	0.027	
PB156424BL	0.019	0.0	0.028	
PB156424BS	0.989	0.0	0.232	
O4895-01	0.039	0.0	0.032	
O4895-01DUP	0.049	0.0	0.034	
O4895-01MS	0.959	0.0	0.225	
O4895-01MSD	0.956	0.0	0.225	
O4895-02	0.021	0.0	0.028	
O4895-03	0.022	0.0	0.028	
CCV3	1.010	0.0	0.236	
CCB3	0.019	0.0	0.028	
O4699-03	0.085	0.0	0.042	
O4894-01DLX2	1.249	0.0	0.286	
O4894-02DLX2	1.276	0.0	0.292	
O4909-01DLX10	1.609	0.0	0.362	
O4911-01DLX50	6.836	0.0	1.460	Test limit high
CCV4	1.016	0.0	0.237	
CCB4	0.013	0.0	0.027	
O4911-01DL2X250	1.470	0.0	0.333	
CCV5	0.993	0.0	0.233	
CCB5	0.013	0.0	0.027	

N	37
Mean	2.155
SD	5.0289
CV%	233.35

Aquakem v. 7.2AQ1
Results from time period:
Tue Oct 17 08:51:08 2023
Tue Oct 17 11:46:05 2023

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-I	P	0.0137	mg/l	10/17/2023 8:51:08	
0.1PPM	A	Ammonia-I	P	0.1095	mg/l	10/17/2023 8:51:09	
0.2PPM	A	Ammonia-I	P	0.2065	mg/l	10/17/2023 8:51:10	
0.4PPM	A	Ammonia-I	P	0.3966	mg/l	10/17/2023 8:51:11	
1.0PPM	A	Ammonia-I	P	0.9818	mg/l	10/17/2023 8:51:12	
1.3PPM	A	Ammonia-I	P	1.2829	mg/l	10/17/2023 8:51:13	
2.0PPM	A	Ammonia-I	P	2.0423	mg/l	10/17/2023 8:51:14	
ICV1	S	Ammonia-I	P	0.9596	mg/l	10/17/2023 10:05:37	
ICB1	S	Ammonia-I	P	0.0089	mg/l	10/17/2023 10:05:39	
CCV1	S	Ammonia-I	P	0.9871	mg/l	10/17/2023 10:05:41	
CCB1	S	Ammonia-I	P	0.0099	mg/l	10/17/2023 10:05:43	
RL CHECK	S	Ammonia-I	P	0.1071	mg/l	10/17/2023 10:05:45	
PB156425BL	S	Ammonia-I	P	0.0097	mg/l	10/17/2023 10:05:47	
PB156425BS	S	Ammonia-I	P	0.9654	mg/l	10/17/2023 10:16:23	
O4894-01	S	Ammonia-I	P	2.5146	mg/l	10/17/2023 10:16:24	
O4894-01DU	P S	Ammonia-I	P	3.0612	mg/l	10/17/2023 10:16:25	
O4894-01MS	S	Ammonia-I	P	3.4384	mg/l	10/17/2023 10:16:26	
O4894-01MSD	S	Ammonia-I	P	3.4684	mg/l	10/17/2023 10:16:27	
O4894-02	S	Ammonia-I	P	2.5845	mg/l	10/17/2023 10:16:30	
O4909-01	S	Ammonia-I	P	14.3301	mg/l	10/17/2023 10:16:31	
O4911-01	S	Ammonia-I	P	27.6851	mg/l	10/17/2023 10:16:32	
CCV2	S	Ammonia-I	P	0.9358	mg/l	10/17/2023 10:27:06	
CCB2	S	Ammonia-I	P	0.0168	mg/l	10/17/2023 10:27:08	
O4911-02	S	Ammonia-I	P	0.0148	mg/l	10/17/2023 10:27:10	
PB156424BL	S	Ammonia-I	P	0.0187	mg/l	10/17/2023 10:27:12	
PB156424BS	S	Ammonia-I	P	0.9891	mg/l	10/17/2023 10:27:14	
O4895-01	S	Ammonia-I	P	0.0386	mg/l	10/17/2023 10:37:46	
O4895-01DUP	S	Ammonia-I	P	0.0489	mg/l	10/17/2023 10:37:47	
O4895-01MS	S	Ammonia-I	P	0.9588	mg/l	10/17/2023 10:37:48	
O4895-01MSD	S	Ammonia-I	P	0.9556	mg/l	10/17/2023 10:37:49	
O4895-02	S	Ammonia-I	P	0.0214	mg/l	10/17/2023 10:37:52	
O4895-03	S	Ammonia-I	P	0.0216	mg/l	10/17/2023 10:37:53	
CCV3	S	Ammonia-I	P	1.0101	mg/l	10/17/2023 10:37:55	
CCB3	S	Ammonia-I	P	0.0187	mg/l	10/17/2023 10:37:57	
O4699-03	S	Ammonia-I	P	0.0852	mg/l	10/17/2023 11:21:03	
O4894-01DLX2	S	Ammonia-I	P	1.249	mg/l	10/17/2023 11:21:05	
O4894-02DLX2	S	Ammonia-I	P	1.2764	mg/l	10/17/2023 11:21:06	
O4909-01DLX10	S	Ammonia-I	P	1.6086	mg/l	10/17/2023 11:21:07	
O4911-01DLX50	S	Ammonia-I	P	6.8358	mg/l	10/17/2023 11:21:09	
CCV4	S	Ammonia-I	P	1.016	mg/l	10/17/2023 11:21:11	
CCB4	S	Ammonia-I	P	0.0133	mg/l	10/17/2023 11:21:13	
O4911-01DL2X250	S	Ammonia-I	P	1.4696	mg/l	10/17/2023 11:46:01	
CCV5	S	Ammonia-I	P	0.9929	mg/l	10/17/2023 11:46:03	
CCB5	S	Ammonia-I	P	0.0129	mg/l	10/17/2023 11:46:05	

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284 Sheffield Street, Mountainside, NJ 07092

10/17/2023 9:18 Reviewed by : RM Instrument ID : Konelab

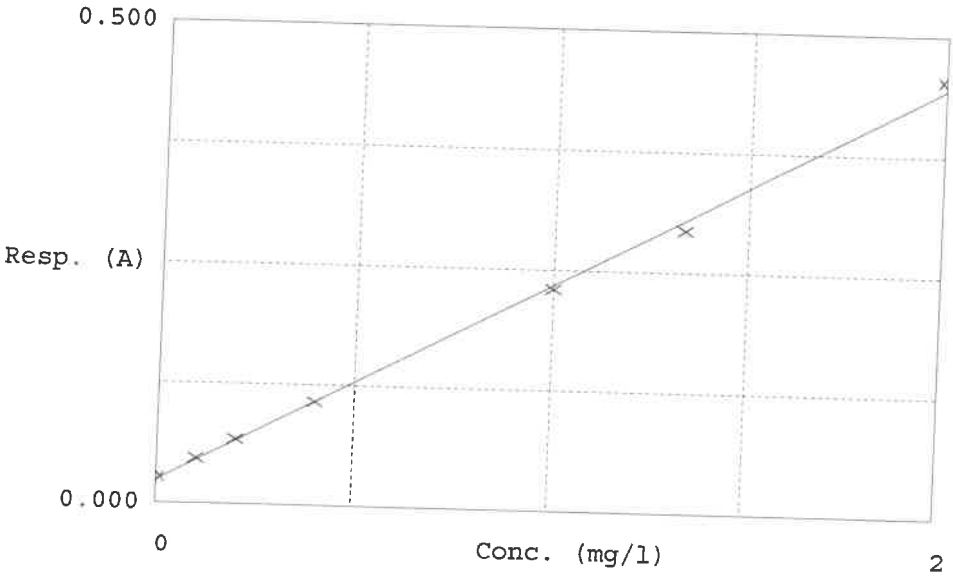
Test Ammonia-N

Accepted 10/17/2023 9:18

Factor 4.76
Bias 0.024

Coeff. of det. 0.998521

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.027	0.0137	0.0000	—
2	NH3-2PPM	0.047	0.1095	0.1000	9.5
3	NH3-2PPM	0.067	0.2065	0.2000	3.2
4	NH3-2PPM	0.107	0.3966	0.4000	-0.9
5	NH3-2PPM	0.230	0.9818	1.0000	-1.8
6	NH3-2PPM	0.293	1.2829	1.3333	-1.3
7	NH3-2PPM	0.453	2.0423	2.0000	2.1

10/17/2023
RM