

6133358

Test results

Aquakem 7.2AQ1

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

Reviewed by : RM Instrument ID : Konelab

11/8/2024 14:27

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.991	0.0	0.162	
ICB1	0.006	0.0	0.039	
CCV1	1.018	0.0	0.165	
CCB1	0.005	0.0	0.039	
RL CHECK.	0.098	0.0	0.050	98% (50 - 50)
PB164763BL	0.002	0.0	0.038	
PB164763BS	1.005	0.0	0.164	
P4722-03	0.139	0.0	0.055	
P4722-08	0.016	0.0	0.040	101% (50 - 50)
RL CHECK	0.101	0.0	0.051	
CCV2	0.973	0.0	0.160	
CCB2	0.005	0.0	0.039	
PB164764BL	0.004	0.0	0.039	
PB164764BS	0.979	0.0	0.161	
P4735-01	12.849	0.0	1.646	Test limit high
P4735-05	4.520	0.0	0.604	Test limit high
P4763-01	0.420	0.0	0.091	
P4763-01DUP	0.441	0.0	0.093	
P4763-01MS	1.032	0.0	0.167	
P4763-01MSD	0.982	0.0	0.161	
P4765-01	0.174	0.0	0.060	
P4765-03	0.365	0.0	0.084	
CCV3	1.016	0.0	0.165	
CCB3	0.006	0.0	0.039	
P4765-05	0.096	0.0	0.050	
CCV4	1.003	0.0	0.164	
CCB4	0.007	0.0	0.039	
P4722-13	0.039	0.0	0.043	
P4722-13DUP	0.056	0.0	0.045	
P4722-13MS	0.986	0.0	0.161	
P4722-13MSD	1.001	0.0	0.163	
P4735-01DLX10	1.503	0.0	0.226	
P4735-05DLX5	0.964	0.0	0.159	
CCV5	0.964	0.0	0.159	
CCB5	0.013	0.0	0.040	

N 35
Mean 0.965
SD 2.2268
CV% 230.72

Results from time period:

Fri Nov 08 11:46:58 2024

Fri Nov 08 14:24:20 2024

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-† P		0.0286	mg/l	11/8/2024 12:11:34	
0.1PPM	A	Ammonia-† P		0.0951	mg/l	11/8/2024 12:11:35	
0.2PPM	A	Ammonia-† P		0.1941	mg/l	11/8/2024 12:11:36	
0.4PPM	A	Ammonia-† P		0.3907	mg/l	11/8/2024 12:11:37	
1.0PPM	A	Ammonia-† P		0.9937	mg/l	11/8/2024 12:11:38	
1.3PPM	A	Ammonia-† P		1.3092	mg/l	11/8/2024 12:11:39	
2.0PPM	A	Ammonia-† P		2.0219	mg/l	11/8/2024 12:11:40	
ICV1	S	Ammonia-† P		0.9912	mg/l	11/8/2024 13:06:50	
ICB1	S	Ammonia-† P		0.0061	mg/l	11/8/2024 13:06:51	
CCV1	S	Ammonia-† P		1.0178	mg/l	11/8/2024 13:06:53	
CCB1	S	Ammonia-† P		0.0049	mg/l	11/8/2024 13:06:55	
RL CHECK.	S	Ammonia-† P		0.0976	mg/l	11/8/2024 13:06:57	
PB164763BL	S	Ammonia-† P		0.0015	mg/l	11/8/2024 13:07:00	
PB164763BS	S	Ammonia-† P		1.0051	mg/l	11/8/2024 13:17:34	
P4722-03	S	Ammonia-† P		0.1392	mg/l	11/8/2024 13:17:35	
P4722-08	S	Ammonia-† P		0.0163	mg/l	11/8/2024 13:17:36	
RL CHECK	S	Ammonia-† P		0.1011	mg/l	11/8/2024 13:17:44	
CCV2	S	Ammonia-† P		0.9732	mg/l	11/8/2024 13:28:21	
CCB2	S	Ammonia-† P		0.0052	mg/l	11/8/2024 13:28:22	
PB164764BL	S	Ammonia-† P		0.0043	mg/l	11/8/2024 13:28:24	
PB164764BS	S	Ammonia-† P		0.979	mg/l	11/8/2024 13:28:26	
P4735-01	S	Ammonia-† P		12.8485	mg/l	11/8/2024 13:28:28	
P4735-05	S	Ammonia-† P		4.52	mg/l	11/8/2024 13:39:04	
P4763-01	S	Ammonia-† P		0.4196	mg/l	11/8/2024 13:39:05	
P4763-01DUP	S	Ammonia-† P		0.4413	mg/l	11/8/2024 13:39:08	
P4763-01MS	S	Ammonia-† P		1.0324	mg/l	11/8/2024 13:39:09	
P4763-01MSD	S	Ammonia-† P		0.9816	mg/l	11/8/2024 13:39:11	
P4765-01	S	Ammonia-† P		0.1744	mg/l	11/8/2024 13:39:14	
P4765-03	S	Ammonia-† P		0.3652	mg/l	11/8/2024 13:49:44	
CCV3	S	Ammonia-† P		1.0165	mg/l	11/8/2024 13:49:47	
CCB3	S	Ammonia-† P		0.0064	mg/l	11/8/2024 13:49:49	
P4765-05	S	Ammonia-† P		0.096	mg/l	11/8/2024 13:49:50	
CCV4	S	Ammonia-† P		1.0033	mg/l	11/8/2024 13:49:52	
CCB4	S	Ammonia-† P		0.0075	mg/l	11/8/2024 13:49:55	
P4722-13	S	Ammonia-† P		0.0389	mg/l	11/8/2024 14:24:09	
P4722-13DUP	S	Ammonia-† P		0.0558	mg/l	11/8/2024 14:24:10	
P4722-13MS	S	Ammonia-† P		0.9861	mg/l	11/8/2024 14:24:11	
P4722-13MSD	S	Ammonia-† P		1.0014	mg/l	11/8/2024 14:24:12	
P4735-01DLX10	S	Ammonia-† P		1.5033	mg/l	11/8/2024 14:24:14	
P4735-05DLX5	S	Ammonia-† P		0.9638	mg/l	11/8/2024 14:24:16	
CCV5	S	Ammonia-† P		0.9639	mg/l	11/8/2024 14:24:18	
CCB5	S	Ammonia-† P		0.0126	mg/l	11/8/2024 14:24:19	

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Reviewed by : RM Instrument ID : Konelab

11/8/2024 12:18

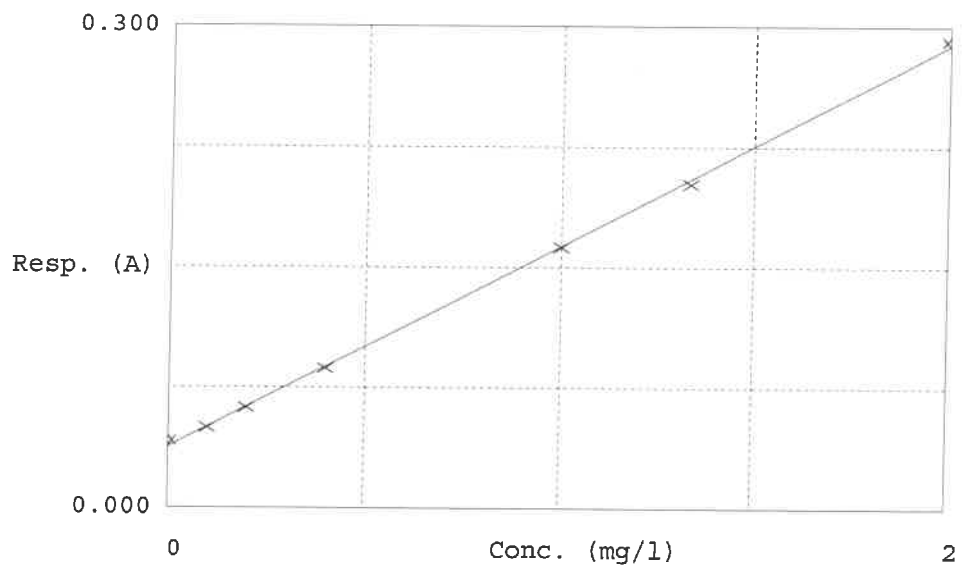
Test Ammonia-N

Accepted 11/8/2024 12:18

Factor 7.991
Bias 0.038

Coeff. of det. 0.999387

Errors



	Calibrator	Response	Calc. con.	Conc.	Re Errors
1	0.00PPM	0.042	0.0286	0.0000	-
2	NH3-2PPM	0.050	0.0951	0.1000	-4.9
3	NH3-2PPM	0.062	0.1941	0.2000	-3.0
4	NH3-2PPM	0.087	0.3907	0.4000	-2.3
5	NH3-2PPM	0.162	0.9937	1.0000	-0.6
6	NH3-2PPM	0.202	1.3092	1.3333	0.7
7	NH3-2PPM	0.291	2.0219	2.0000	1.1

11/08/2024

RM