

LB133

Test results

Aquakem 7.2AQ1

Page:

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	
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	
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	

98% (50 - 50)

11/08/2024
 RM

101% (50 - 50)

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	

Calibration results

Aquakem 7.2AQ1

Page:

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

Reviewed by : RM Instrument ID : Konelab

11/8/2024 12:18

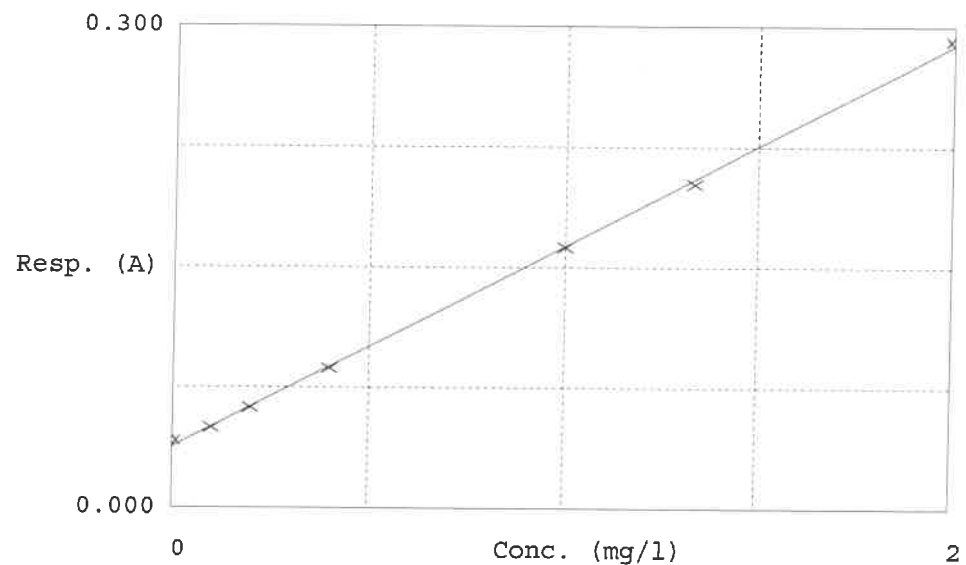
Test Ammonia-N

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