LB 129114

Test results | Aquakem 7.2AQ1 | Page: 1

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

1/11/2024 11:33 | Reviewed by : 12 | Instrument ID : Konelab

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.941	0.0	0.210	
ICB1	0.010	0.0	0.020	
CCV1	0.942	0.0	0.210	
CCB1	0.013	0.0	0.020	
RL CHECK	0.079	0.0	0.034	
PB158338BL	0.008	0.0	0.019	
PB158338BS	0.946	0.0	0.211	
P1040-01	0.020	0.0	0.022	
P1040-01DUP	0.022	0.0	0.022	
P1040-01MS	1.054	0.0	0.233	
P1040-01MSD	1.067	0.0	0.236	
P1040-02	0.044	0.0	0.027	
P1040-03	0.095	0.0	0.037	
P1100-01	0.096	0.0	0.037	
CCV2	0.981	0.0	0.218	
CCB2	0.049	0.0	0.028	
P1100-02	0.066	0.0	0.031	
P1100-03	0.047	0.0	0.027	
PB158337BL	0.047	0.0	0.027	
PB158337BS	1.003	0.0	0.223	
P1047-01	1.271	0.0	0.278	
P1047-01DUP	1.265	0.0	0.277	
P1047-01MS	2.246	0.0	0.477	Test limit high
P1047-01MSD	2.244	0.0	0.477	Test limit high
P1047-02	1.123	0.0	0.248	
P1048-01	0.130	0.0	0.044	
CCV3	1.003	0.0	0.223	
CCB3	0.017	0.0	0.021	
P1048-05	3.576	0.0	0.749	Test limit high
P1078-06	0.869	0.0	0.196	
P1094-01	0.030	0.0	0.024	
CCV4	1.009	0.0	0.224	
CCB4	0.008	0.0	0.019	
P1048-05DLX5	0.685	0.0	0.158	
CCV5	0.972	0.0	0.217	
CCB5	0.013	0.0	0.020	

N	36
Mean	0.666
SD	0.8016
CV%	120.28

Aquakem v. 7.2AQ1
Results from time period:
Thu Jan 11 08:41:01 2024
Thu Jan 11 11:31:11 2024

Sample Id	Sam/Ctr/cA	Test short n	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-I	P	0.0086	mg/l	1/11/2024 8:41:01	
0.1PPM	A	Ammonia-I	P	0.1056	mg/l	1/11/2024 8:41:02	
0.2PPM	A	Ammonia-I	P	0.2024	mg/l	1/11/2024 8:41:03	
0.4PPM	A	Ammonia-I	P	0.404	mg/l	1/11/2024 8:41:04	
1.0PPM	A	Ammonia-I	P	0.971	mg/l	1/11/2024 8:41:05	
1.3PPM	A	Ammonia-I	P	1.3191	mg/l	1/11/2024 8:41:06	
2.0PPM	A	Ammonia-I	P	2.0227	mg/l	1/11/2024 8:41:07	
ICV1	S	Ammonia-I	P	0.9406	mg/l	1/11/2024 9:28:55	
ICB1	S	Ammonia-I	P	0.0104	mg/l	1/11/2024 9:28:57	
CCV1	S	Ammonia-I	P	0.9416	mg/l	1/11/2024 9:28:59	
CCB1	S	Ammonia-I	P	0.0132	mg/l	1/11/2024 9:29:01	
RL CHECK	S	Ammonia-I	P	0.0785	mg/l	1/11/2024 9:29:03	
PB158338BL	S	Ammonia-I	P	0.0081	mg/l	1/11/2024 9:29:06	
PB158338BS	S	Ammonia-I	P	0.946	mg/l	1/11/2024 9:39:35	
P1040-01	S	Ammonia-I	P	0.0203	mg/l	1/11/2024 10:22:55	
P1040-01DUP	S	Ammonia-I	P	0.0218	mg/l	1/11/2024 10:22:57	
P1040-01MS	S	Ammonia-I	P	1.054	mg/l	1/11/2024 10:22:59	
P1040-01MSD	S	Ammonia-I	P	1.0673	mg/l	1/11/2024 10:23:01	
P1040-02	S	Ammonia-I	P	0.044	mg/l	1/11/2024 10:23:02	
P1040-03	S	Ammonia-I	P	0.0955	mg/l	1/11/2024 10:23:03	
P1100-01	S	Ammonia-I	P	0.0961	mg/l	1/11/2024 10:33:36	
CCV2	S	Ammonia-I	P	0.9806	mg/l	1/11/2024 10:33:37	
CCB2	S	Ammonia-I	P	0.0492	mg/l	1/11/2024 10:33:40	
P1100-02	S	Ammonia-I	P	0.0664	mg/l	1/11/2024 10:33:41	
P1100-03	S	Ammonia-I	P	0.047	mg/l	1/11/2024 10:33:42	
PB158337BL	S	Ammonia-I	P	0.0473	mg/l	1/11/2024 10:33:43	
PB158337BS	S	Ammonia-I	P	1.0032	mg/l	1/11/2024 10:33:45	
P1047-01	S	Ammonia-I	P	1.2715	mg/l	1/11/2024 10:44:20	
P1047-01DUP	S	Ammonia-I	P	1.2654	mg/l	1/11/2024 10:44:21	
P1047-01MS	S	Ammonia-I	P	2.2463	mg/l	1/11/2024 10:44:23	
P1047-01MSD	S	Ammonia-I	P	2.2436	mg/l	1/11/2024 10:44:26	
P1047-02	S	Ammonia-I	P	1.1233	mg/l	1/11/2024 10:44:27	
P1048-01	S	Ammonia-I	P	0.1303	mg/l	1/11/2024 10:44:28	
CCV3	S	Ammonia-I	P	1.003	mg/l	1/11/2024 10:44:30	
CCB3	S	Ammonia-I	P	0.0166	mg/l	1/11/2024 11:24:30	
P1048-05	S	Ammonia-I	P	3.5761	mg/l	1/11/2024 11:24:31	
P1078-06	S	Ammonia-I	P	0.8695	mg/l	1/11/2024 11:24:32	
P1094-01	S	Ammonia-I	P	0.0297	mg/l	1/11/2024 11:24:33	
CCV4	S	Ammonia-I	P	1.0087	mg/l	1/11/2024 11:24:34	
CCB4	S	Ammonia-I	P	0.0083	mg/l	1/11/2024 11:24:38	
P1048-05DLX5	S	Ammonia-I	P	0.6851	mg/l	1/11/2024 11:24:39	
CCV5	S	Ammonia-I	P	0.972	mg/l	1/11/2024 11:31:08	
CCB5	S	Ammonia-I	P	0.0129	mg/l	1/11/2024 11:31:09	

Calibration results Aquakem 7.2AQ1 Page: 1

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

1/11/2024 8:45 Reviewed by : 12 Instrument ID : Konelab

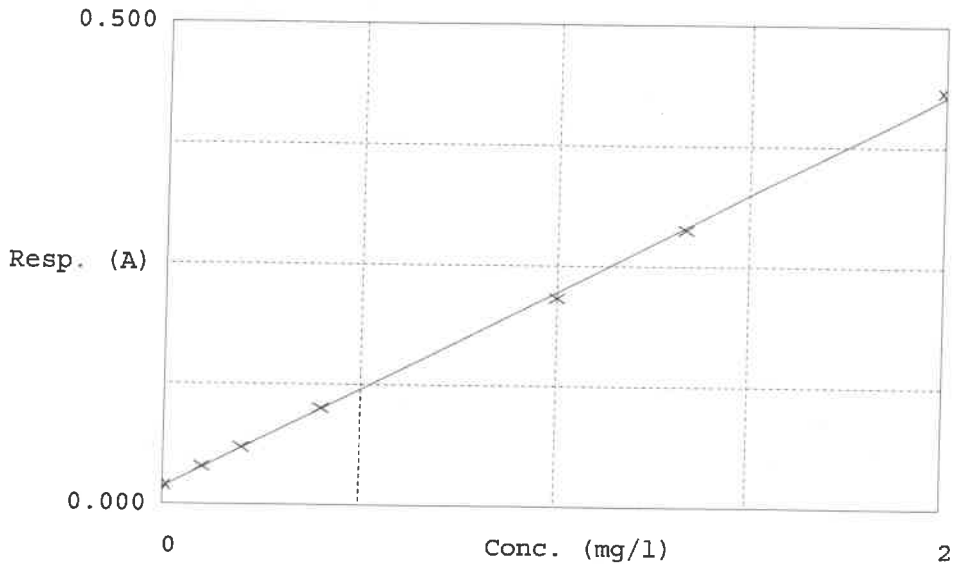
Test Ammonia-N

Accepted 1/11/2024 8:45

Factor 4.888
Bias 0.018

Coeff. of det. 0.999500

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.019	0.0086	0.0000	-
2	NH3-2PPM	0.039	0.1056	0.1000	5.6
3	NH3-2PPM	0.059	0.2024	0.2000	1.2
4	NH3-2PPM	0.100	0.4040	0.4000	1.0
5	NH3-2PPM	0.216	0.9710	1.0000	-2.9
6	NH3-2PPM	0.288	1.3191	1.3333	1.5
7	NH3-2PPM	0.432	2.0227	2.0000	1.1

KR

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01/11/24