

LB133173

Test results

Aquakem 7.2AQ1

Page:

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

Reviewed by : RM

Instrument ID : Konelab

10/28/2024 14:46

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	1.063	0.0	0.143	
ICB1	0.004	0.0	0.028	
CCV1	0.991	0.0	0.135	
CCB1	0.002	0.0	0.028	
RL CHECK	0.102	0.0	0.039	
PB164383BL	0.009	0.0	0.029	
PB164383BS	1.018	0.0	0.138	
P4368-09	0.093	0.0	0.038	
P4490-01	14.669	0.0	1.622	Test limit high
P4490-05	6.626	0.0	0.748	Test limit high
P4548-01	0.031	0.0	0.031	
P4548-01DUP	0.017	0.0	0.029	
P4548-01MS	0.984	0.0	0.135	
P4548-01MSD	0.994	0.0	0.136	
CCV2	1.034	0.0	0.140	
CCB2	0.007	0.0	0.028	
P4548-03	10.126	0.0	1.128	Test limit high
P4548-05	5.388	0.0	0.613	Test limit high
P4548-07	5.257	0.0	0.599	Test limit high
PB164463BL	0.003	0.0	0.028	
PB164463BS	1.008	0.0	0.137	
P4368-03	0.090	0.0	0.037	
CCV3	1.096	0.0	0.147	
CCB3	0.015	0.0	0.029	
P4490-01DLX10	1.711	0.0	0.214	
P4490-05DLX5	1.476	0.0	0.188	
P4548-03DLX10	1.201	0.0	0.158	
P4548-05DLX5	1.174	0.0	0.155	
P4548-07DLX5	1.157	0.0	0.153	
CCV4	1.054	0.0	0.142	
CCB4	0.009	0.0	0.029	

102% (50-150)

10/28/2024
RM

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N 31
Mean 1.884
SD 3.3017
CV% 175.23

Aquakem v. 7.2AQ1

Results from time period:

Mon Oct 28 12:51:26 2024

Mon Oct 28 14:41:59 2024

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-† P		-0.0053	mg/l	10/28/2024 12:51:26	
0.1PPM	A	Ammonia-† P		0.0952	mg/l	10/28/2024 12:51:27	
0.2PPM	A	Ammonia-† P		0.2032	mg/l	10/28/2024 12:51:28	
0.4PPM	A	Ammonia-† P		0.3949	mg/l	10/28/2024 12:51:29	
1.0PPM	A	Ammonia-† P		1.0235	mg/l	10/28/2024 12:51:30	
1.3PPM	A	Ammonia-† P		1.3314	mg/l	10/28/2024 12:51:31	
2.0PPM	A	Ammonia-† P		1.9905	mg/l	10/28/2024 12:51:32	
ICV1	S	Ammonia-† P		1.0626	mg/l	10/28/2024 13:31:52	
ICB1	S	Ammonia-† P		0.0041	mg/l	10/28/2024 13:31:53	
CCV1	S	Ammonia-† P		0.9915	mg/l	10/28/2024 13:31:55	
CCB1	S	Ammonia-† P		0.0018	mg/l	10/28/2024 13:31:57	
RL CHECK	S	Ammonia-† P		0.102	mg/l	10/28/2024 13:31:59	
PB164383BL	S	Ammonia-† P		0.0088	mg/l	10/28/2024 13:32:02	
PB164383BS	S	Ammonia-† P		1.0184	mg/l	10/28/2024 13:42:35	
P4368-09	S	Ammonia-† P		0.093	mg/l	10/28/2024 13:42:37	
P4490-01	S	Ammonia-† P		14.6687	mg/l	10/28/2024 13:42:40	
P4490-05	S	Ammonia-† P		6.6264	mg/l	10/28/2024 13:42:43	
P4548-01	S	Ammonia-† P		0.031	mg/l	10/28/2024 13:42:45	
P4548-01DUP	S	Ammonia-† P		0.0168	mg/l	10/28/2024 13:42:46	
P4548-01MS	S	Ammonia-† P		0.9841	mg/l	10/28/2024 13:53:17	
P4548-01MSD	S	Ammonia-† P		0.9939	mg/l	10/28/2024 13:53:18	
CCV2	S	Ammonia-† P		1.0335	mg/l	10/28/2024 13:53:19	
CCB2	S	Ammonia-† P		0.0069	mg/l	10/28/2024 13:53:21	
P4548-03	S	Ammonia-† P		10.1265	mg/l	10/28/2024 13:53:23	
P4548-05	S	Ammonia-† P		5.3879	mg/l	10/28/2024 13:53:24	
P4548-07	S	Ammonia-† P		5.2574	mg/l	10/28/2024 13:53:25	
PB164463BL	S	Ammonia-† P		0.0034	mg/l	10/28/2024 13:53:27	
PB164463BS	S	Ammonia-† P		1.0079	mg/l	10/28/2024 13:53:28	
P4368-03	S	Ammonia-† P		0.0904	mg/l	10/28/2024 14:01:08	
CCV3	S	Ammonia-† P		1.0964	mg/l	10/28/2024 14:01:09	
CCB3	S	Ammonia-† P		0.0153	mg/l	10/28/2024 14:01:11	
P4490-01DLX10	S	Ammonia-† P		1.7112	mg/l	10/28/2024 14:41:50	
P4490-05DLX5	S	Ammonia-† P		1.4761	mg/l	10/28/2024 14:41:51	
P4548-03DLX10	S	Ammonia-† P		1.2007	mg/l	10/28/2024 14:41:52	
P4548-05DLX5	S	Ammonia-† P		1.1744	mg/l	10/28/2024 14:41:53	
P4548-07DLX5	S	Ammonia-† P		1.157	mg/l	10/28/2024 14:41:55	
CCV4	S	Ammonia-† P		1.0544	mg/l	10/28/2024 14:41:56	
CCB4	S	Ammonia-† P		0.0088	mg/l	10/28/2024 14:41:58	

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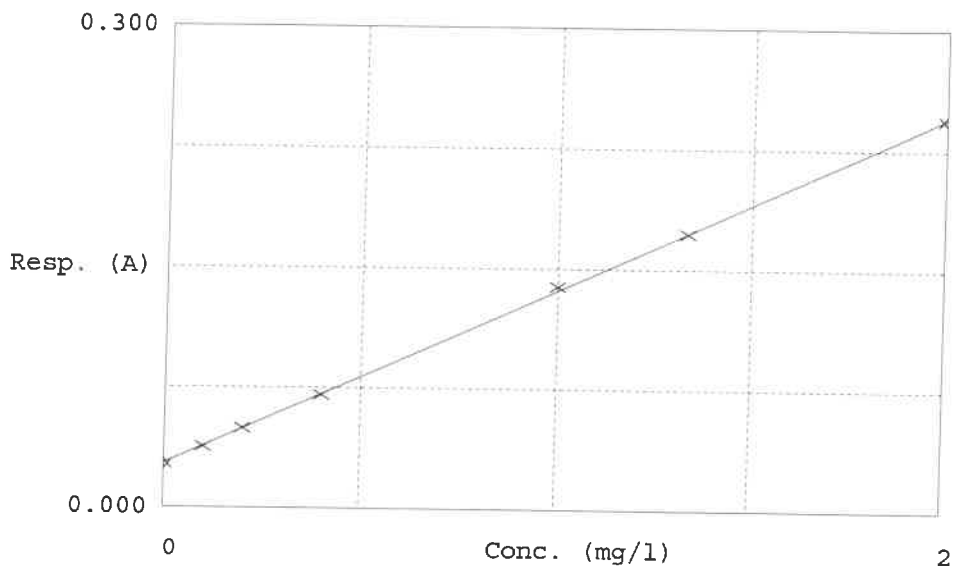
10/28/2024 12:57 Reviewed by : RM Instrument ID : Konelab

Test Ammonia-N

Accepted 10/28/2024 12:57
Factor 9.202
Bias 0.028

Coeff. of det. 0.999783

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.027	-0.0053	0.0000	-
2	NH3-2PPM	0.038	0.0952	0.1000	-4.8
3	NH3-2PPM	0.050	0.2032	0.2000	1.6
4	NH3-2PPM	0.071	0.3949	0.4000	-1.3
5	NH3-2PPM	0.139	1.0235	1.0000	2.4
6	NH3-2PPM	0.172	1.3314	1.3333	2.4
7	NH3-2PPM	0.244	1.9905	2.0000	-0.5

10/28/2024
RM