

LB126937

Test results

Aquakem 7.2AQ1

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

Reviewed by : 12 Instrument ID : Konelab

7/13/2023 16:03

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.814	0.0	0.643	
ICB1	-0.004	0.0	0.021	
CCV1	5.039	0.0	0.672	
CCB1	-0.012	0.0	0.020	
RL CHECK	0.475	0.0	0.083	
PB154082BL	-0.014	0.0	0.020	
PB154082BS	4.876	0.0	0.651	
O3538-05	2.818	0.0	0.385	
O353805DUP	2.930	0.0	0.400	
O3538-05MS	7.962	0.0	1.049	
O3538-05MSD	7.934	0.0	1.045	
O3538-06	1.873	0.0	0.263	
O3556-01	77.526	0.0	10.027	Abs. high, Init abs., Tes
O3560-01	11.330	0.0	1.484	Test limit high
CCV2	5.167	0.0	0.688	
CCB2	0.085	0.0	0.033	
O3563-01	21.781	0.0	2.833	Init abs., Test limit hig
O3572-07	0.322	0.0	0.063	
O3572-08	0.550	0.0	0.093	
PB154174BL	0.189	0.0	0.046	
PB154174BS	5.032	0.0	0.671	
O3538-01	6.306	0.0	0.835	
O3538-01DUP	6.421	0.0	0.850	
O3538-01MS	11.839	0.0	1.549	Test limit high
O3538-01MSD	12.224	0.0	1.599	Test limit high
O3538-02	2.183	0.0	0.303	
CCV3	5.084	0.0	0.678	
CCB3	-0.003	0.0	0.021	
O3538-03	2.514	0.0	0.346	
O3538-04	1.264	0.0	0.185	
O3572-01	0.246	0.0	0.053	
O3572-02	0.503	0.0	0.086	
CCV4	4.968	0.0	0.663	
CCB4	0.001	0.0	0.022	
O3556-01DLX50	4.568	0.0	0.611	
O3560-01DLX2	5.801	0.0	0.770	
O3563-01DLX5	5.268	0.0	0.701	
CCV5	5.192	0.0	0.692	
CCB5	-0.010	0.0	0.020	

95% (50-150)
12

N 39
Mean 6.027
SD 12.5774
CV% 208.70

Aquakem v. 7.2AQ1

Results from time period:

Thu Jul 13 13:19:31 2023

Thu Jul 13 15:56:18 2023

Sample Id	Sam/Ctr/c#	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	-0.0104	mg/l	7/13/2023 13:19:31	
0.5PPM	A	TKN-NH3	P	0.4955	mg/l	7/13/2023 13:19:32	
1.0PPM	A	TKN-NH3	P	1.0082	mg/l	7/13/2023 13:19:33	
2.5PPM	A	TKN-NH3	P	2.5066	mg/l	7/13/2023 13:19:34	
5.0PPM	A	TKN-NH3	P	5.0986	mg/l	7/13/2023 13:19:35	
6.7PPM	A	TKN-NH3	P	6.5259	mg/l	7/13/2023 13:19:36	
10.0PPM	A	TKN-NH3	P	10.0424	mg/l	7/13/2023 13:19:37	
ICV1	S	TKN-NH3	P	4.8141	mg/l	7/13/2023 14:53:10	
ICB1	S	TKN-NH3	P	-0.0037	mg/l	7/13/2023 14:53:12	
CCV1	S	TKN-NH3	P	5.0394	mg/l	7/13/2023 14:53:14	
CCB1	S	TKN-NH3	P	-0.0124	mg/l	7/13/2023 14:53:15	
RL CHECK	S	TKN-NH3	P	0.4746	mg/l	7/13/2023 14:53:17	
PB154082BL	S	TKN-NH3	P	-0.0138	mg/l	7/13/2023 14:53:20	
PB154082BS	S	TKN-NH3	P	4.876	mg/l	7/13/2023 15:03:53	
O3538-05	S	TKN-NH3	P	2.818	mg/l	7/13/2023 15:03:55	
O353805DUP	S	TKN-NH3	P	2.9301	mg/l	7/13/2023 15:03:56	
O3538-05MS	S	TKN-NH3	P	7.962	mg/l	7/13/2023 15:03:57	
O3538-05MSD	S	TKN-NH3	P	7.9339	mg/l	7/13/2023 15:03:58	
O3538-06	S	TKN-NH3	P	1.8728	mg/l	7/13/2023 15:04:01	
O3556-01	S	TKN-NH3	P	77.5261	mg/l	7/13/2023 15:04:02	
O3560-01	S	TKN-NH3	P	11.3298	mg/l	7/13/2023 15:04:03	
CCV2	S	TKN-NH3	P	5.1666	mg/l	7/13/2023 15:04:04	
CCB2	S	TKN-NH3	P	0.0854	mg/l	7/13/2023 15:14:34	
O3563-01	S	TKN-NH3	P	21.781	mg/l	7/13/2023 15:14:35	
O3572-07	S	TKN-NH3	P	0.3216	mg/l	7/13/2023 15:14:36	
O3572-08	S	TKN-NH3	P	0.5504	mg/l	7/13/2023 15:14:37	
PB154174BL	S	TKN-NH3	P	0.1886	mg/l	7/13/2023 15:14:38	
PB154174BS	S	TKN-NH3	P	5.0316	mg/l	7/13/2023 15:14:39	
O3538-01	S	TKN-NH3	P	6.3057	mg/l	7/13/2023 15:14:40	
O3538-01DUP	S	TKN-NH3	P	6.4207	mg/l	7/13/2023 15:14:41	
O3538-01MS	S	TKN-NH3	P	11.8387	mg/l	7/13/2023 15:14:44	
O3538-01MSD	S	TKN-NH3	P	12.2237	mg/l	7/13/2023 15:14:45	
O3538-02	S	TKN-NH3	P	2.1834	mg/l	7/13/2023 15:24:43	
CCV3	S	TKN-NH3	P	5.0839	mg/l	7/13/2023 15:24:44	
CCB3	S	TKN-NH3	P	-0.0033	mg/l	7/13/2023 15:24:45	
O3538-03	S	TKN-NH3	P	2.5139	mg/l	7/13/2023 15:24:46	
O3538-04	S	TKN-NH3	P	1.2642	mg/l	7/13/2023 15:24:47	
O3572-01	S	TKN-NH3	P	0.2457	mg/l	7/13/2023 15:24:48	
O3572-02	S	TKN-NH3	P	0.5027	mg/l	7/13/2023 15:24:49	
CCV4	S	TKN-NH3	P	4.9681	mg/l	7/13/2023 15:24:50	
CCB4	S	TKN-NH3	P	0.001	mg/l	7/13/2023 15:24:51	
O3556-01DLX50	S	TKN-NH3	P	4.568	mg/l	7/13/2023 15:56:13	
O3560-01DLX2	S	TKN-NH3	P	5.801	mg/l	7/13/2023 15:56:15	
O3563-01DLX5	S	TKN-NH3	P	5.2685	mg/l	7/13/2023 15:56:16	
CCV5	S	TKN-NH3	P	5.1922	mg/l	7/13/2023 15:56:17	
CCB5	S	TKN-NH3	P	-0.0104	mg/l	7/13/2023 15:56:18	

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7/13/2023 13:20

Reviewed by : 12 Instrument ID : Konelab

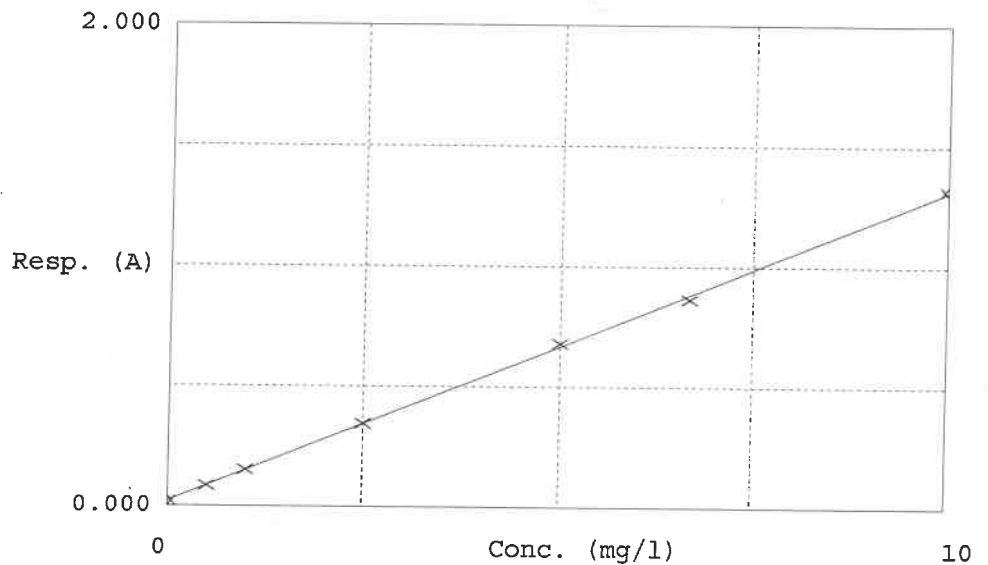
Test TKN-NH3

Accepted 7/13/2023 13:20

Factor 7.749
Bias 0.022

Coeff. of det. 0.999619

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.020	-0.0104	0.0000	-
2	TKN-10	0.085	0.4955	0.5000	-0.9
3	TKN-10	0.152	1.0082	1.0000	0.8
4	TKN-10	0.345	2.5066	2.5000	0.3
5	TKN-10	0.680	5.0986	5.0000	2.0
6	TKN-10	0.864	6.5259	6.6667	-2.6
7	TKN-10	1.318	10.0424	10.0000	0.4

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7/13/23