

LB114319

Test results

Aquakem 7.2AQ1

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

Reviewed by : AM Instrument ID : Konelab

5/6/2021 15:30

Test: TKN-NH3

Sample Id	mg/L Result	Dil. 1 +	Response	Errors
ICV1	4.902	0.0	0.872	
ICB1	0.095	0.0	0.016	
CCV1	4.899	0.0	0.872	
CCB1	0.096	0.0	0.016	
PB136226BL	0.092	0.0	0.016	
PB136226BS	4.865	0.0	0.866	
M2262-07	0.298	0.0	0.052	
M2262-08	0.523	0.0	0.092	
M2307-03	8.502	0.0	1.513	
M2307-04	1.276	0.0	0.227	
M2307-04DUP	1.316	0.0	0.234	
M2307-04MS	6.135	0.0	1.092	
M2307-04MSD	5.552	0.0	0.988	
CCV2	4.845	0.0	0.862	
CCB2	0.126	0.0	0.022	
PB136224BS	5.019	0.0	0.893	
M2214-08	56.378	0.0	10.040	Abs. high, Init abs., Tes
M2262-01	0.299	0.0	0.053	
M2262-02	0.517	0.0	0.091	
PB136224BL	0.089	0.0	0.015	
CCV3	4.952	0.0	0.881	
CCB3	0.102	0.0	0.017	
M2214-08DLX10	4.891	0.0	0.870	
CCV4	4.902	0.0	0.872	
CCB4	0.091	0.0	0.016	

N 25
Mean 4.830
SD 11.0546
CV% 228.85

Aquakem v. 7.2AQ1

Results from time period:

Thu May 06 13:24:03 2021

Thu May 06 15:13:18 2021

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time
0.0PPM	A	TKN-NH3	P	0.0965	mg/l	5/6/2021 13:24:03
0.5PPM	A	TKN-NH3	P	0.5306	mg/l	5/6/2021 13:24:04
1.0PPM	A	TKN-NH3	P	0.9961	mg/l	5/6/2021 13:24:05
2.5PPM	A	TKN-NH3	P	2.4965	mg/l	5/6/2021 13:24:06
5.0PPM	A	TKN-NH3	P	4.7293	mg/l	5/6/2021 13:24:07
6.7PPM	A	TKN-NH3	P	6.7147	mg/l	5/6/2021 13:24:08
10.0PPM	A	TKN-NH3	P	10.1031	mg/l	5/6/2021 13:24:09
ICV1	S	TKN-NH3	P	4.9017	mg/l	5/6/2021 14:17:38
ICB1	S	TKN-NH3	P	0.0949	mg/l	5/6/2021 14:17:39
CCV1	S	TKN-NH3	P	4.8986	mg/l	5/6/2021 14:17:42
CCB1	S	TKN-NH3	P	0.096	mg/l	5/6/2021 14:17:43
PB136226BL	S	TKN-NH3	P	0.0921	mg/l	5/6/2021 14:17:45
PB136226BS	S	TKN-NH3	P	4.8651	mg/l	5/6/2021 14:17:47
M2262-07	S	TKN-NH3	P	0.2978	mg/l	5/6/2021 14:28:24
M2262-08	S	TKN-NH3	P	0.5228	mg/l	5/6/2021 14:28:26
M2307-03	S	TKN-NH3	P	8.5019	mg/l	5/6/2021 14:28:28
M2307-04	S	TKN-NH3	P	1.2758	mg/l	5/6/2021 14:28:29
M2307-04DUP	S	TKN-NH3	P	1.3161	mg/l	5/6/2021 14:28:30
M2307-04MS	S	TKN-NH3	P	6.1345	mg/l	5/6/2021 14:28:31
M2307-04MSD	S	TKN-NH3	P	5.5521	mg/l	5/6/2021 14:28:32
CCV2	S	TKN-NH3	P	4.8449	mg/l	5/6/2021 14:28:35
CCB2	S	TKN-NH3	P	0.1259	mg/l	5/6/2021 14:39:07
PB136224BS	S	TKN-NH3	P	5.0189	mg/l	5/6/2021 14:39:08
M2214-08	S	TKN-NH3	P	56.3785	mg/l	5/6/2021 14:39:09
M2262-01	S	TKN-NH3	P	0.2995	mg/l	5/6/2021 14:39:11
M2262-02	S	TKN-NH3	P	0.5165	mg/l	5/6/2021 14:39:12
PB136224BL	S	TKN-NH3	P	0.0894	mg/l	5/6/2021 14:45:44
CCV3	S	TKN-NH3	P	4.9517	mg/l	5/6/2021 15:13:10
CCB3	S	TKN-NH3	P	0.1017	mg/l	5/6/2021 15:13:11
M2214-08DLX10	S	TKN-NH3	P	4.8906	mg/l	5/6/2021 15:13:13
CCV4	S	TKN-NH3	P	4.9024	mg/l	5/6/2021 15:13:16
CCB4	S	TKN-NH3	P	0.0914	mg/l	5/6/2021 15:13:17

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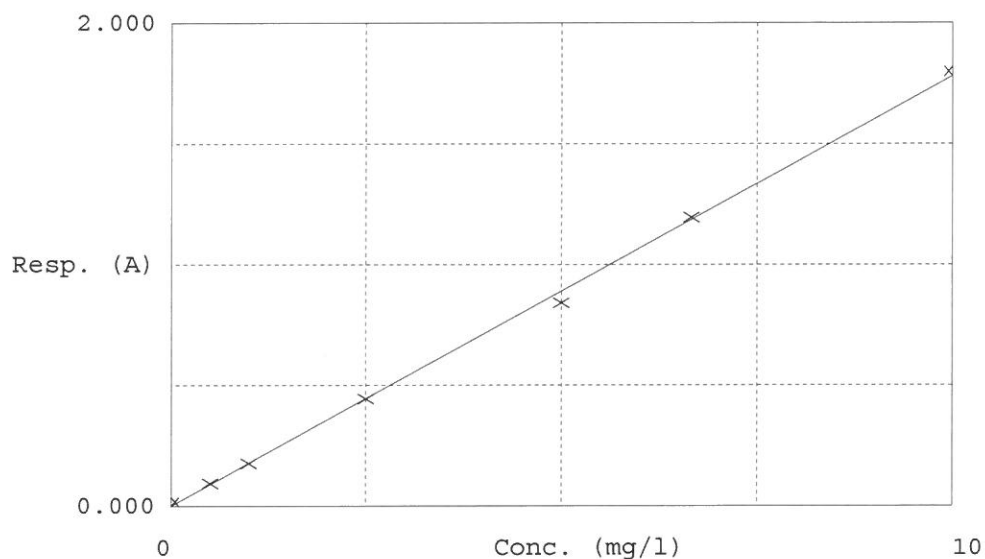
Test TKN-NH3

Accepted 5/6/2021 13:30

Factor 5.615
Bias -0.001

Coeff. of det. 0.998837

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors %RE
1	0.00PPM	0.016	0.0965	0.0000	6.1
2	TKN-10	0.094	0.5306	0.5000	-0.4
3	TKN-10	0.177	0.9961	1.0000	-0.1
4	TKN-10	0.444	2.4965	2.5000	-5.4
5	TKN-10	0.842	4.7293	5.0000	0.7
6	TKN-10	1.195	6.7147	6.6667	1.0
7	TKN-10	1.799	10.1031	10.0000	

05/06/2021
AM