

LB114160

Test results

Aquakem 7.2AQ1

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CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092Reviewed by : AM Instrument ID : Konelab

4/26/2021 15:18

Test: TKN-NH3

Sample Id	^{mg/L} Result	Dil. 1 +	Response	Errors
ICV1	5.029	0.0	0.939	
ICB1	0.075	0.0	0.014	
CCV1	5.166	0.0	0.965	
CCB1	0.073	0.0	0.014	
PB135897BL	0.073	0.0	0.014	
PB135897BS	5.273	0.0	0.985	
M2114-01	27.954	0.0	5.219	Init abs., Test limit hig
M2114-02	12.699	0.0	2.371	Test limit high
M2114-03	3.263	0.0	0.609	
M2114-04	3.434	0.0	0.641	
M2114-04DUP	3.360	0.0	0.628	
M2114-05MS	8.685	0.0	1.622	
M2114-06MSD	8.799	0.0	1.643	
M2114-07	0.169	0.0	0.032	
CCV2	5.165	0.0	0.965	
CCB2	0.084	0.0	0.016	
M2150-01	7.674	0.0	1.433	
M2150-04	2.943	0.0	0.550	
CCV3	5.204	0.0	0.972	
CCB3	0.079	0.0	0.015	
M2114-01DLX5	5.898	0.0	1.101	
M2114-02DLX2	6.586	0.0	1.230	
CCV4	5.097	0.0	0.952	
CCB4	0.073	0.0	0.014	

N	24
Mean	5.119
SD	5.9186
CV%	115.62

Aquakem v. 7.2AQ1

Results from time period:

Mon Apr 26 13:32:46 2021

Mon Apr 26 15:09:09 2021

Sample Id	Sam/Ctr/c	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	0.0847	mg/l	4/26/2021 13:32:46	
0.5PPM	A	TKN-NH3	P	0.5132	mg/l	4/26/2021 13:32:47	
1.0PPM	A	TKN-NH3	P	0.983	mg/l	4/26/2021 13:32:48	
2.5PPM	A	TKN-NH3	P	2.4268	mg/l	4/26/2021 13:32:49	
5.0PPM	A	TKN-NH3	P	5.0122	mg/l	4/26/2021 13:32:50	
6.7PPM	A	TKN-NH3	P	6.5673	mg/l	4/26/2021 13:32:51	
10.0PPM	A	TKN-NH3	P	10.0795	mg/l	4/26/2021 13:32:52	
ICV1	S	TKN-NH3	P	5.0289	mg/l	4/26/2021 14:22:26	
ICB1	S	TKN-NH3	P	0.0752	mg/l	4/26/2021 14:22:27	
CCV1	S	TKN-NH3	P	5.1662	mg/l	4/26/2021 14:22:29	
CCB1	S	TKN-NH3	P	0.0728	mg/l	4/26/2021 14:22:32	
PB135897BL	S	TKN-NH3	P	0.0728	mg/l	4/26/2021 14:22:33	
PB135897BS	S	TKN-NH3	P	5.2727	mg/l	4/26/2021 14:22:34	
M2114-01	S	TKN-NH3	P	27.9544	mg/l	4/26/2021 14:22:35	
M2114-02	S	TKN-NH3	P	12.6988	mg/l	4/26/2021 14:22:36	
M2114-03	S	TKN-NH3	P	3.263	mg/l	4/26/2021 14:33:06	
M2114-04	S	TKN-NH3	P	3.4341	mg/l	4/26/2021 14:33:07	
M2114-04DUP	S	TKN-NH3	P	3.3604	mg/l	4/26/2021 14:33:08	
M2114-05MS	S	TKN-NH3	P	8.6853	mg/l	4/26/2021 14:33:09	
M2114-06MSD	S	TKN-NH3	P	8.7992	mg/l	4/26/2021 14:33:10	
M2114-07	S	TKN-NH3	P	0.1695	mg/l	4/26/2021 14:33:13	
CCV2	S	TKN-NH3	P	5.1651	mg/l	4/26/2021 14:33:14	
CCB2	S	TKN-NH3	P	0.084	mg/l	4/26/2021 14:33:15	
M2150-01	S	TKN-NH3	P	7.6742	mg/l	4/26/2021 14:33:17	
M2150-04	S	TKN-NH3	P	2.9429	mg/l	4/26/2021 14:42:05	
CCV3	S	TKN-NH3	P	5.2035	mg/l	4/26/2021 14:42:07	
CCB3	S	TKN-NH3	P	0.0786	mg/l	4/26/2021 14:42:08	
M2114-01DLX5	S	TKN-NH3	P	5.898	mg/l	4/26/2021 15:09:03	
M2114-02DLX2	S	TKN-NH3	P	6.5855	mg/l	4/26/2021 15:09:05	
CCV4	S	TKN-NH3	P	5.0972	mg/l	4/26/2021 15:09:06	
CCB4	S	TKN-NH3	P	0.0731	mg/l	4/26/2021 15:09:09	

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Reviewed by : AM Instrument ID : Konelab

4/26/2021 13:34

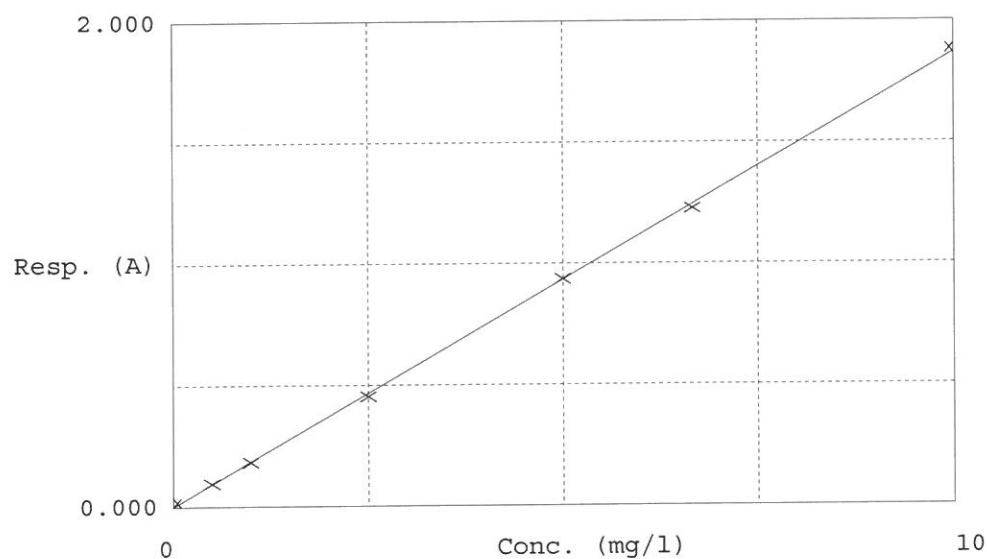
Test TKN-NH3

Accepted 4/26/2021 13:34

Factor 5.357
Bias 0

Coeff. of det. 0.999646

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors %RE
1	0.00PPM	0.016	0.0847	0.0000	2.6
2	TKN-10	0.096	0.5132	0.5000	-1.4
3	TKN-10	0.184	0.9830	1.0000	-3.0
4	TKN-10	0.453	2.4268	2.5000	0.2
5	TKN-10	0.936	5.0122	5.0000	-1.5
6	TKN-10	1.226	6.5673	6.6667	0.8
7	TKN-10	1.882	10.0795	10.0000	