

03115740

Test results

Aquakem 7.2AQ1

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

Reviewed by : AB Instrument ID : Konelab

8/6/2021 13:35

Test: TKN-NH3

mg/l ✓

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.032	0.0	1.056	
ICB1	0.095	0.0	0.024	
CCV1	4.989	0.0	1.047	
CCB1	0.093	0.0	0.024	
PB138232BL	0.096	0.0	0.024	
PB138232BS	4.813	0.0	1.010	
M3301-01	1.294	0.0	0.275	
M3301-01DUP	1.289	0.0	0.274	
M3301-01MS	6.084	0.0	1.276	
M3301-01MSD	6.174	0.0	1.295	
CCV2	5.266	0.0	1.105	
CCB2	0.107	0.0	0.027	

N	12
Mean	2.944
SD	2.6214
CV%	89.03

Aquakem v. 7.2AQ1

Results from time period:

Fri Aug 06 12:59:53 2021

Fri Aug 06 13:34:08 2021

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat	Accept stat
0.0PPM	A	TKN-NH3	P	0.1121	mg/l	8/6/2021 12:59:53		MA
0.5PPM	A	TKN-NH3	P	0.529	mg/l	8/6/2021 12:59:54		MA
1.0PPM	A	TKN-NH3	P	0.9715	mg/l	8/6/2021 12:59:55		MA
2.5PPM	A	TKN-NH3	P	2.4394	mg/l	8/6/2021 12:59:56		MA
5.0PPM	A	TKN-NH3	P	4.9297	mg/l	8/6/2021 12:59:57		MA
6.7PPM	A	TKN-NH3	P	6.5666	mg/l	8/6/2021 12:59:58		MA
10.0PPM	A	TKN-NH3	P	10.1184	mg/l	8/6/2021 12:59:59		MA
ICV1	S	TKN-NH3	P	5.0321	mg/l	8/6/2021 13:28:02		MA
ICB1	S	TKN-NH3	P	0.0951	mg/l	8/6/2021 13:28:03		MA
CCV1	S	TKN-NH3	P	4.9888	mg/l	8/6/2021 13:28:06		MA
CCB1	S	TKN-NH3	P	0.0929	mg/l	8/6/2021 13:28:08		MA
PB138232E	S	TKN-NH3	P	0.0957	mg/l	8/6/2021 13:28:09		MA
PB138232E	S	TKN-NH3	P	4.8127	mg/l	8/6/2021 13:28:10		MA
M3301-01	S	TKN-NH3	P	1.2944	mg/l	8/6/2021 13:28:11		MA
M3301-01I	S	TKN-NH3	P	1.2888	mg/l	8/6/2021 13:28:12		MA
M3301-01I	S	TKN-NH3	P	6.0842	mg/l	8/6/2021 13:34:05		MA
M3301-01I	S	TKN-NH3	P	6.1743	mg/l	8/6/2021 13:34:06		MA
CCV2	S	TKN-NH3	P	5.266	mg/l	8/6/2021 13:34:07		MA
CCB2	S	TKN-NH3	P	0.1071	mg/l	8/6/2021 13:34:08		MA

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Reviewed by : AL Instrument ID : Konelab

8/6/2021 13:03

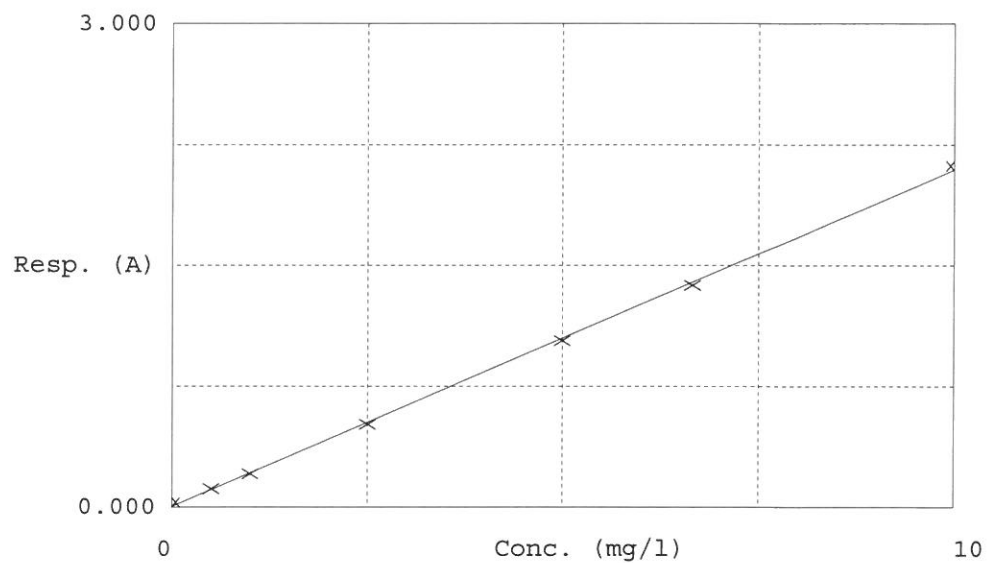
Test TKN-NH3

Accepted 8/6/2021 13:03

Factor 4.785
Bias 0.004

Coeff. of det. 0.999435

Errors



	Calibrator	Response	Calc. con.	Conc.	Relative Errors
1	0.00PPM	0.028	0.1121	0.0000	
2	TKN-10	0.115	0.5290	0.5000	
3	TKN-10	0.207	0.9715	1.0000	
4	TKN-10	0.514	2.4394	2.5000	
5	TKN-10	1.035	4.9297	5.0000	
6	TKN-10	1.377	6.5666	6.6667	
7	TKN-10	2.119	10.1184	10.0000	

Relative Errors

Er
-2.4
-2.4
-7.4
-2.0
1.2

AL
8/6/21