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Aquakem 7.2AQ1

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CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092Reviewed by : 12 Instrument ID : Konelab2/7/2023 14:45

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.896	0.0	0.780	
ICB1	0.119	0.0	0.014	
CCV1	5.025	0.0	0.801	
CCB1	0.114	0.0	0.013	
RL CHECK	0.520	0.0	0.078	
PB150709BL	0.108	0.0	0.012	
PB150709BS	4.928	0.0	0.785	
O1396-01	8.993	0.0	1.437	
O1396-01DUP	9.153	0.0	1.463	
O1396-01MS	13.207	0.0	2.114	Test limit high
O1396-01MSD	13.528	0.0	2.165	Test limit high
O1440-01	0.577	0.0	0.087	
CCV2	5.029	0.0	0.801	
CCB2	0.123	0.0	0.014	

104% (50-150) 12/2/23

N	14
Mean	4.737
SD	4.8625
CV%	102.65

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Results from time period:

Tue Feb 07 13:18:31 2023

Tue Feb 07 13:58:41 2023

Sample Id	Sam/Ctr/c	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	0.1221	mg/l	2/7/2023 13:18:31	
0.5PPM	A	TKN-NH3	P	0.5584	mg/l	2/7/2023 13:18:32	
1.0PPM	A	TKN-NH3	P	0.9846	mg/l	2/7/2023 13:18:33	
2.5PPM	A	TKN-NH3	P	2.4464	mg/l	2/7/2023 13:18:34	
5.0PPM	A	TKN-NH3	P	4.9534	mg/l	2/7/2023 13:18:35	
6.7PPM	A	TKN-NH3	P	6.366	mg/l	2/7/2023 13:18:36	
10.0PPM	A	TKN-NH3	P	10.2358	mg/l	2/7/2023 13:18:37	
ICV1	S	TKN-NH3	P	4.8956	mg/l	2/7/2023 13:49:34	
ICB1	S	TKN-NH3	P	0.1192	mg/l	2/7/2023 13:49:36	
CCV1	S	TKN-NH3	P	5.0247	mg/l	2/7/2023 13:49:38	
CCB1	S	TKN-NH3	P	0.1138	mg/l	2/7/2023 13:49:41	
RL CHECK	S	TKN-NH3	P	0.5201	mg/l	2/7/2023 13:49:42	
PB150709BL	S	TKN-NH3	P	0.1079	mg/l	2/7/2023 13:49:44	
PB150709BS	S	TKN-NH3	P	4.9275	mg/l	2/7/2023 13:58:34	
O1396-01	S	TKN-NH3	P	8.9933	mg/l	2/7/2023 13:58:35	
O1396-01DUP	S	TKN-NH3	P	9.1528	mg/l	2/7/2023 13:58:36	
O1396-01MS	S	TKN-NH3	P	13.207	mg/l	2/7/2023 13:58:37	
O1396-01MSD	S	TKN-NH3	P	13.5283	mg/l	2/7/2023 13:58:38	
O1440-01	S	TKN-NH3	P	0.5773	mg/l	2/7/2023 13:58:39	
CCV2	S	TKN-NH3	P	5.0286	mg/l	2/7/2023 13:58:40	
CCB2	S	TKN-NH3	P	0.1228	mg/l	2/7/2023 13:58:41	

Calibration results

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Reviewed by : 12 Instrument ID : Konelab

2/7/2023 13:20

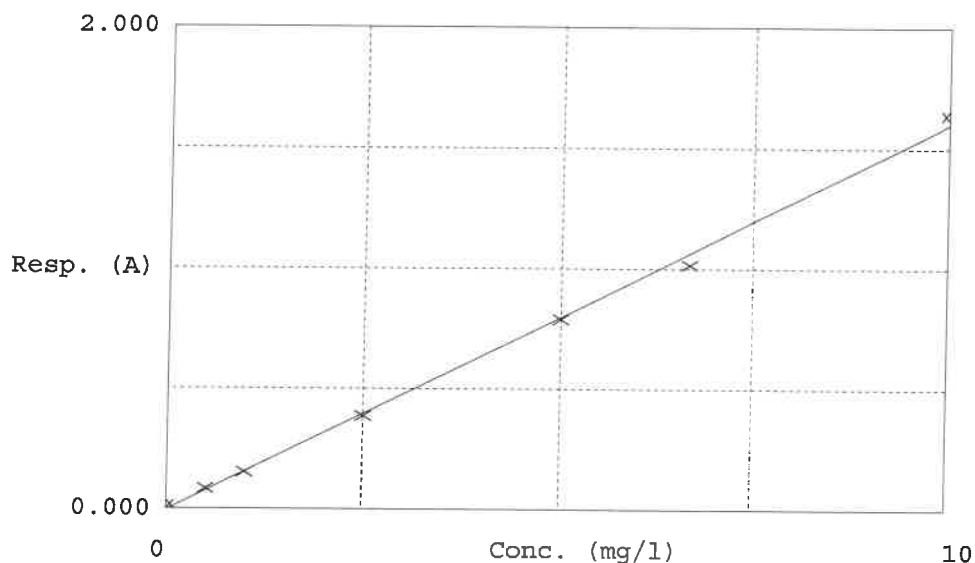
Test TKN-NH3

Accepted 2/7/2023 13:20

Factor 6.232
Bias -0.005

Coeff. of det. 0.997956

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.014	0.1221	0.0000	-
2	TKN-10	0.084	0.5584	0.5000	11.7
3	TKN-10	0.152	0.9846	1.0000	-1.5
4	TKN-10	0.387	2.4464	2.5000	-2.1
5	TKN-10	0.789	4.9534	5.0000	-0.9
6	TKN-10	1.016	6.3660	6.6667	-5.0
7	TKN-10	1.637	10.2358	10.0000	2.9

12
2/7/23