

LB109150

Test results

Aquakem 7.2AQ1

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CHEMTECH
284 Sheffield Street,
Mountainside, NJ 07092
Reviewed by : *Dr*

Instrument ID : Konelab

5/14/2020 13:29

Test: TKN-NH3

mg/L

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.023	0.0	1.027	
ICB1	0.065	0.0	0.032	
CCV1	5.367	0.0	1.097	
CCB1	0.060	0.0	0.031	
PB128620BL	0.061	0.0	0.031	
PB128620BS	5.050	0.0	1.033	
L2182-03	0.347	0.0	0.088	
DOC-SOIL-01	4.712	0.0	0.965	
DOC-SOIL-02	4.770	0.0	0.977	
DOC-SOIL-03	5.164	0.0	1.056	
DOC-SOIL-04	5.146	0.0	1.052	
PB128830BL	0.069	0.0	0.033	
PB128830BS	4.709	0.0	0.965	
CCV2	5.215	0.0	1.066	
CCB2	0.063	0.0	0.031	
L2573-03	0.552	0.0	0.130	
L2573-03DUP	0.550	0.0	0.129	
L2573-03MS	5.006	0.0	1.024	
L2573-03MSD	4.962	0.0	1.015	
L2574-03	2.514	0.0	0.524	
CCV3	5.108	0.0	1.045	
CCB3	0.063	0.0	0.031	

N	22
Mean	2.935
SD	2.3937
CV%	81.55

Aquakem v. 7.2AQ1

Results from time period:

Thu May 14 11:31:15 2020

Thu May 14 13:20:59 2020

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Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.5PPM	A	TKN-NH3	P	0.4886	mg/l	5/14/2020 11:31:15	
1.0PPM	A	TKN-NH3	P	0.9611	mg/l	5/14/2020 11:31:16	
2.5PPM	A	TKN-NH3	P	2.4362	mg/l	5/14/2020 11:31:17	
5.0PPM	A	TKN-NH3	P	5.1123	mg/l	5/14/2020 11:31:18	
6.7PPM	A	TKN-NH3	P	6.7795	mg/l	5/14/2020 11:31:19	
10.0PPM	A	TKN-NH3	P	9.8891	mg/l	5/14/2020 11:31:20	
ICV1	S	TKN-NH3	P	5.0225	mg/l	5/14/2020 12:11:56	
ICB1	S	TKN-NH3	P	0.0649	mg/l	5/14/2020 12:11:57	
CCV1	S	TKN-NH3	P	5.3671	mg/l	5/14/2020 12:11:59	
CCB1	S	TKN-NH3	P	0.06	mg/l	5/14/2020 12:12:02	
PB128620BL	S	TKN-NH3	P	0.0605	mg/l	5/14/2020 12:12:04	
PB128620BS	S	TKN-NH3	P	5.0503	mg/l	5/14/2020 12:12:05	
L2182-03	S	TKN-NH3	P	0.347	mg/l	5/14/2020 12:22:39	
DOC-SOIL-01	S	TKN-NH3	P	4.7122	mg/l	5/14/2020 12:22:43	
DOC-SOIL-02	S	TKN-NH3	P	4.7699	mg/l	5/14/2020 12:22:44	
DOC-SOIL-03	S	TKN-NH3	P	5.1644	mg/l	5/14/2020 12:22:45	
DOC-SOIL-04	S	TKN-NH3	P	5.1462	mg/l	5/14/2020 12:22:46	
PB128830BL	S	TKN-NH3	P	0.0686	mg/l	5/14/2020 12:22:47	
PB128830BS	S	TKN-NH3	P	4.7093	mg/l	5/14/2020 12:22:50	
CCV2	S	TKN-NH3	P	5.2146	mg/l	5/14/2020 12:33:21	
CCB2	S	TKN-NH3	P	0.0628	mg/l	5/14/2020 12:33:22	
L2573-03	S	TKN-NH3	P	0.5515	mg/l	5/14/2020 12:33:24	
L2573-03DUP	S	TKN-NH3	P	0.5496	mg/l	5/14/2020 12:33:26	
L2573-03MS	S	TKN-NH3	P	5.0059	mg/l	5/14/2020 12:33:29	
L2573-03MSD	S	TKN-NH3	P	4.9623	mg/l	5/14/2020 12:33:30	
L2574-03	S	TKN-NH3	P	2.514	mg/l	5/14/2020 12:33:31	
CCV3	S	TKN-NH3	P	5.1083	mg/l	5/14/2020 13:20:56	
CCB3	S	TKN-NH3	P	0.0632	mg/l	5/14/2020 13:20:59	

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Calibration results

Aquakem 7.2AQ1

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284 Sheffield Street,
Mountainside, NJ 07092Reviewed by : JL

Instrument ID : Konelab

5/14/2020 11:37

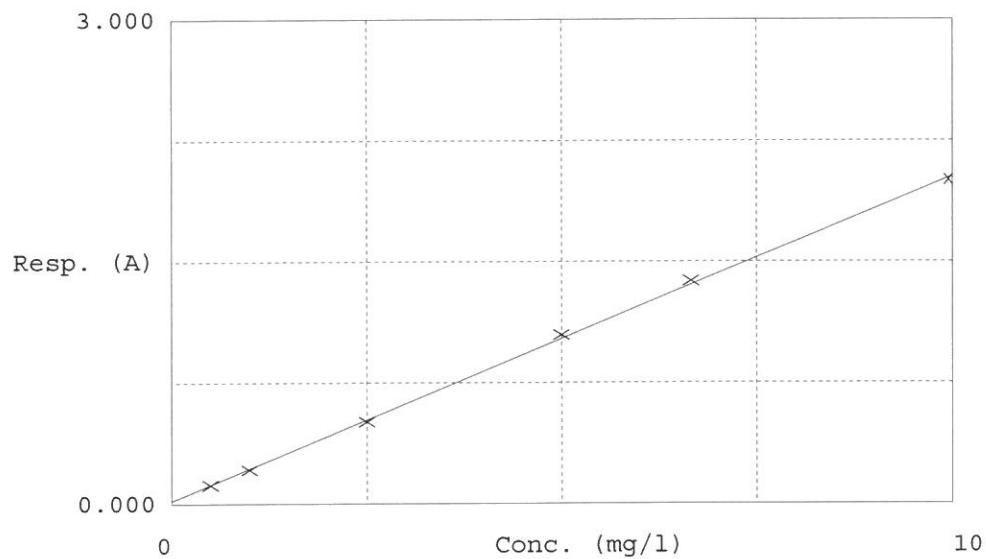
Test TKN-NH3

Accepted 5/14/2020 11:37

Factor 4.98
Bias 0.019

Coeff. of det. 0.999355

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	TKN-10	0.117	0.4886	0.5000	
2	TKN-10	0.212	0.9611	1.0000	
3	TKN-10	0.508	2.4362	2.5000	
4	TKN-10	1.045	5.1123	5.0000	
5	TKN-10	1.380	6.7795	6.6667	
6	TKN-10	2.005	9.8891	10.0000	