

LB103965

Calibration results

Aquakem 7.2AQ1

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CHEMTECH
 284 Sheffield Street,
 Mountainside, NJ 07092
 Reviewed by : CT

Instrument ID : Konelab

7/15/2019 9:59

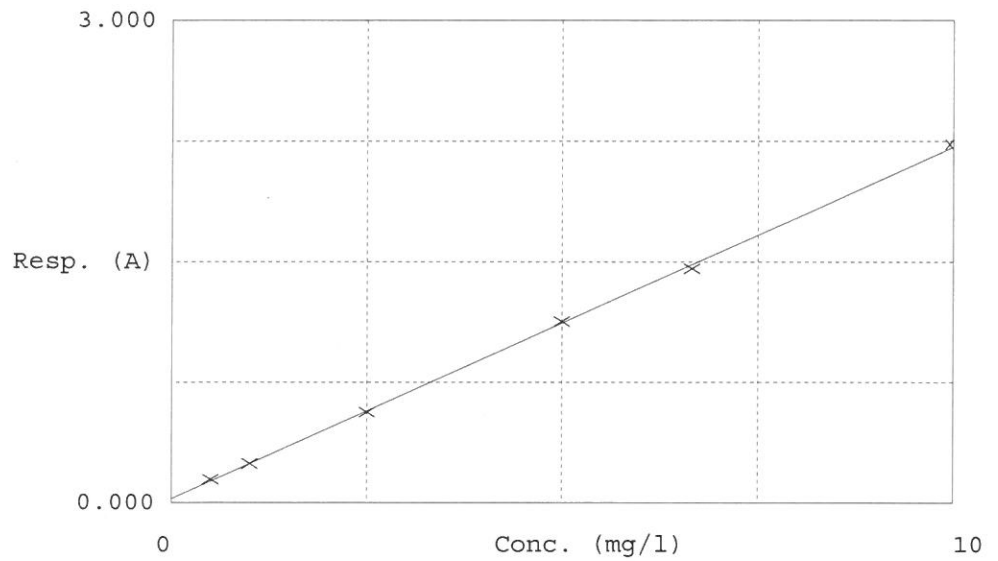
Test TKN-NH3

Accepted 7/15/2019 9:59

Factor 4.568
 Bias 0.025

Coeff. of det. 0.999634

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	TKN-10	0.146	0.5519	0.5000	110%
2	TKN-10	0.244	0.9995	1.0000	99.9%
3	TKN-10	0.564	2.4612	2.5000	96%
4	TKN-10	1.129	5.0401	5.0000	101%
5	TKN-10	1.459	6.5470	6.6667	98%
6	TKN-10	2.229	10.0669	10.0000	101%

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7/15/2019 11:21

Test: TKN-NH3

mg/L

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.054	0.0	1.132	
ICB1	0.077	0.0	0.042	
CCV1	4.947	0.0	1.108	
CCB1	0.073	0.0	0.041	
PB121350BL	0.080	0.0	0.043	
PB121350BS	5.034	0.0	1.127	
K3591-09	0.281	0.0	0.087	
DOC-WATER-1	5.135	0.0	1.149	
DOC-WATER-2	4.963	0.0	1.112	
DOC-WATER-3	4.974	0.0	1.114	
DOC-WATER-4	5.128	0.0	1.148	
PB121349BL	0.083	0.0	0.043	
PB121349BS	5.065	0.0	1.134	
K3591-03	0.305	0.0	0.092	
CCV2	4.826	0.0	1.082	
CCB2	0.085	0.0	0.044	
DOC-SOLID-1	5.186	0.0	1.161	
DOC-SOLID-2	4.922	0.0	1.103	
DOC-SOLID-3	5.190	0.0	1.162	
DOC-SOLID-4	5.173	0.0	1.158	
CCV3	4.899	0.0	1.098	
CCB3	0.078	0.0	0.042	

N	22
Mean	3.253
SD	2.4164
CV%	74.29

Aquakem v. 7.2AQ1

Results from time period:

Mon Jul 15 09:05:35 2019

Mon Jul 15 10:56:28 2019

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.5PPM	A	TKN-NH3	P	0.5519	mg/l	7/15/2019 9:56:55	
1.0PPM	A	TKN-NH3	P	0.9995	mg/l	7/15/2019 9:56:56	
2.5PPM	A	TKN-NH3	P	2.4612	mg/l	7/15/2019 9:56:57	
5.0PPM	A	TKN-NH3	P	5.0401	mg/l	7/15/2019 9:56:58	
6.7PPM	A	TKN-NH3	P	6.547	mg/l	7/15/2019 9:56:59	
10.0PPM	A	TKN-NH3	P	10.0669	mg/l	7/15/2019 9:57:00	
ICV1	S	TKN-NH3	P	5.0543	mg/l	7/15/2019 10:46:45	
ICB1	S	TKN-NH3	P	0.0769	mg/l	7/15/2019 10:46:46	
CCV1	S	TKN-NH3	P	4.9474	mg/l	7/15/2019 10:46:47	
CCB1	S	TKN-NH3	P	0.0727	mg/l	7/15/2019 10:46:48	
PB121350BL	S	TKN-NH3	P	0.0801	mg/l	7/15/2019 10:46:49	
PB121350BS	S	TKN-NH3	P	5.0343	mg/l	7/15/2019 10:46:50	
K3591-09	S	TKN-NH3	P	0.2812	mg/l	7/15/2019 10:46:51	
DOC-WATER-1	S	TKN-NH3	P	5.1349	mg/l	7/15/2019 10:46:52	
DOC-WATER-2	S	TKN-NH3	P	4.9635	mg/l	7/15/2019 10:46:53	
DOC-WATER-3	S	TKN-NH3	P	4.9737	mg/l	7/15/2019 10:46:54	
DOC-WATER-4	S	TKN-NH3	P	5.1283	mg/l	7/15/2019 10:46:55	
PB121349BL	S	TKN-NH3	P	0.083	mg/l	7/15/2019 10:46:56	
PB121349BS	S	TKN-NH3	P	5.0652	mg/l	7/15/2019 10:56:19	
K3591-03	S	TKN-NH3	P	0.3053	mg/l	7/15/2019 10:56:20	
CCV2	S	TKN-NH3	P	4.826	mg/l	7/15/2019 10:56:21	
CCB2	S	TKN-NH3	P	0.0848	mg/l	7/15/2019 10:56:22	
DOC-SOLID-1	S	TKN-NH3	P	5.1863	mg/l	7/15/2019 10:56:23	
DOC-SOLID-2	S	TKN-NH3	P	4.9219	mg/l	7/15/2019 10:56:24	
DOC-SOLID-3	S	TKN-NH3	P	5.1901	mg/l	7/15/2019 10:56:25	
DOC-SOLID-4	S	TKN-NH3	P	5.1726	mg/l	7/15/2019 10:56:26	
CCV3	S	TKN-NH3	P	4.8986	mg/l	7/15/2019 10:56:27	
CCB3	S	TKN-NH3	P	0.0784	mg/l	7/15/2019 10:56:28	