

LB102301

Test results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

4/23/2019 16:07

Test: TKN-NH3

*mg/L*

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.070	0.0	1.068	
ICB1	0.108	0.0	0.052	
CCV1	5.305	0.0	1.116	
CCB1	0.104	0.0	0.051	
PB119027BL	0.108	0.0	0.052	
PB119027BS	5.036	0.0	1.061	
K2461-01	12.338	0.0	2.555	Init abs., Test limit hig
K2461-02	48.974	0.0	10.053	Abs. high, Init abs., Tes
K2461-03	48.976	0.0	10.054	Abs. high, Init abs., Tes
K2461-04	3.290	0.0	0.704	
K2461-04MS	8.878	0.0	1.847	
K2461-04DUP	3.178	0.0	0.681	
K2461-04MSD	9.104	0.0	1.893	
K2461-05	6.688	0.0	1.399	
CCV2	5.344	0.0	1.124	
CCB2	0.118	0.0	0.054	
K2461-06	48.973	0.0	10.053	Abs. high, Init abs., Tes
PB119115BL	0.107	0.0	0.052	
PB119115BS	4.876	0.0	1.028	
K2487-01	0.119	0.0	0.055	
K2487-02	14.653	0.0	3.029	Init abs., Test limit hig
K2487-02DUP	14.385	0.0	2.974	Init abs., Test limit hig
K2487-03	17.965	0.0	3.707	Init abs., Test limit hig
K2487-04	19.718	0.0	4.066	Init abs., Test limit hig
K2487-05	14.868	0.0	3.073	Init abs., Test limit hig
K2487-06	0.399	0.0	0.112	
CCV3	5.559	0.0	1.168	
CCB3	0.149	0.0	0.061	
K2461-01DLX2	6.201	0.0	1.299	
K2461-02DLX10	4.170	0.0	0.884	
K2461-03DLX10	6.124	0.0	1.284	
K2487-02DLX2	7.137	0.0	1.491	
K2487-02DUPDLX2	7.204	0.0	1.505	
K2487-03DLX2	11.852	0.0	2.456	Test limit high
K2487-04DLX2	11.458	0.0	2.375	Test limit high
K2487-05DLX2	7.205	0.0	1.505	
K2461-06DLX10	2.937	0.0	0.631	
CCV4	5.311	0.0	1.117	
CCB4	0.123	0.0	0.055	

N 39  
Mean 9.593  
SD 12.6283  
CV% 131.65

Aquakem v. 7.2AQ1

Results from time period:

Tue Apr 23 14:11:48 2019

Tue Apr 23 16:05:07 2019

✓ AS

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.5PPM	A	TKN-NH3	P	0.5704	mg/l	4/23/2019 14:11:48	
1.0PPM	A	TKN-NH3	P	1.0284	mg/l	4/23/2019 14:11:49	
2.5PPM	A	TKN-NH3	P	2.43	mg/l	4/23/2019 14:11:50	
5.0PPM	A	TKN-NH3	P	4.9956	mg/l	4/23/2019 14:11:51	
6.7PPM	A	TKN-NH3	P	6.5534	mg/l	4/23/2019 14:11:52	
10.0PPM	A	TKN-NH3	P	10.0889	mg/l	4/23/2019 14:11:53	
ICV1	S	TKN-NH3	P	5.0701	mg/l	4/23/2019 14:49:47	
ICB1	S	TKN-NH3	P	0.1077	mg/l	4/23/2019 14:49:48	
CCV1	S	TKN-NH3	P	5.3046	mg/l	4/23/2019 14:49:49	
CCB1	S	TKN-NH3	P	0.1038	mg/l	4/23/2019 14:49:50	
PB119027BL	S	TKN-NH3	P	0.1078	mg/l	4/23/2019 14:49:51	
PB119027BS	S	TKN-NH3	P	5.0364	mg/l	4/23/2019 14:49:52	
K2461-01	S	TKN-NH3	P	12.3384	mg/l	4/23/2019 14:49:53	
K2461-02	S	TKN-NH3	P	48.9737	mg/l	4/23/2019 14:49:54	
K2461-03	S	TKN-NH3	P	48.9755	mg/l	4/23/2019 14:49:55	
K2461-04	S	TKN-NH3	P	3.2897	mg/l	4/23/2019 14:49:56	
K2461-04MS	S	TKN-NH3	P	8.8778	mg/l	4/23/2019 14:49:57	
K2461-04DUP	S	TKN-NH3	P	3.1779	mg/l	4/23/2019 14:49:58	
K2461-04MSD	S	TKN-NH3	P	9.1042	mg/l	4/23/2019 15:00:28	
K2461-05	S	TKN-NH3	P	6.6876	mg/l	4/23/2019 15:00:29	
CCV2	S	TKN-NH3	P	5.3442	mg/l	4/23/2019 15:00:30	
CCB2	S	TKN-NH3	P	0.1179	mg/l	4/23/2019 15:00:31	
K2461-06	S	TKN-NH3	P	48.9733	mg/l	4/23/2019 15:00:32	
PB119115BL	S	TKN-NH3	P	0.1068	mg/l	4/23/2019 15:00:33	
PB119115BS	S	TKN-NH3	P	4.8761	mg/l	4/23/2019 15:00:34	
K2487-01	S	TKN-NH3	P	0.1192	mg/l	4/23/2019 15:00:35	
K2487-02	S	TKN-NH3	P	14.6526	mg/l	4/23/2019 15:00:36	
K2487-02DUP	S	TKN-NH3	P	14.3853	mg/l	4/23/2019 15:00:37	
K2487-03	S	TKN-NH3	P	17.9649	mg/l	4/23/2019 15:00:38	
K2487-04	S	TKN-NH3	P	19.718	mg/l	4/23/2019 15:00:39	
K2487-05	S	TKN-NH3	P	14.8677	mg/l	4/23/2019 15:07:42	
K2487-06	S	TKN-NH3	P	0.3986	mg/l	4/23/2019 15:07:43	
CCV3	S	TKN-NH3	P	5.5588	mg/l	4/23/2019 15:07:44	
CCB3	S	TKN-NH3	P	0.1486	mg/l	4/23/2019 15:07:45	
K2461-01DLX2	S	TKN-NH3	P	6.2006	mg/l	4/23/2019 15:44:40	
K2461-02DLX10	S	TKN-NH3	P	4.1695	mg/l	4/23/2019 15:44:41	
K2461-03DLX10	S	TKN-NH3	P	6.1239	mg/l	4/23/2019 15:44:42	
K2487-02DLX2	S	TKN-NH3	P	7.1367	mg/l	4/23/2019 15:44:44	
K2487-02DUPDLX2	S	TKN-NH3	P	7.2044	mg/l	4/23/2019 15:44:45	
K2487-03DLX2	S	TKN-NH3	P	11.8521	mg/l	4/23/2019 15:44:46	
K2487-04DLX2	S	TKN-NH3	P	11.4581	mg/l	4/23/2019 15:44:47	
K2487-05DLX2	S	TKN-NH3	P	7.2048	mg/l	4/23/2019 15:44:48	

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K2461-06DLX10	S	TKN-NH3	P	2.9368 mg/l	4/23/2019 16:05:05
CCV4	S	TKN-NH3	P	5.3109 mg/l	4/23/2019 16:05:06
CCB4	S	TKN-NH3	P	0.123 mg/l	4/23/2019 16:05:07

AB/02301

Calibration results

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

Instrument ID : Konelab

4/23/2019 14:19

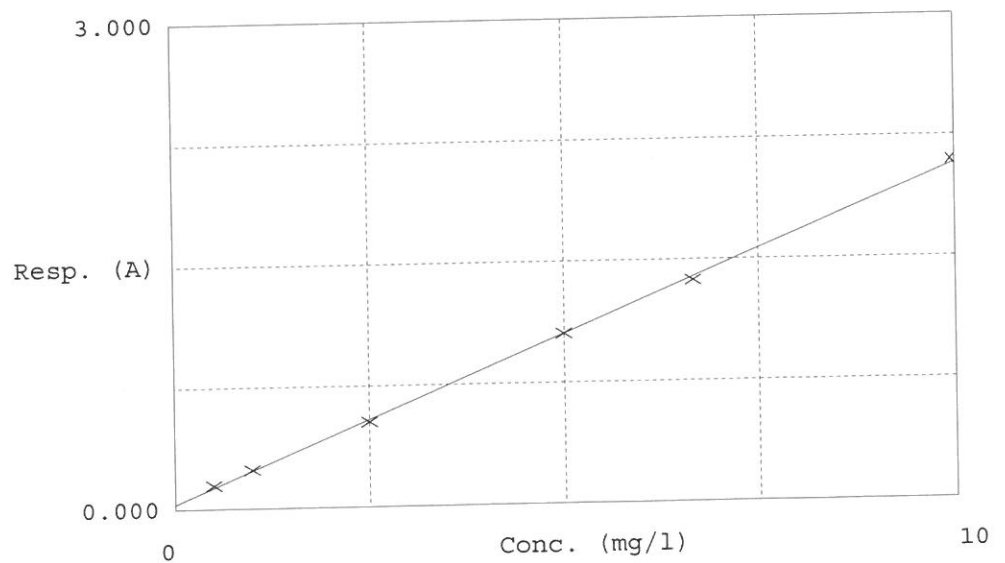
Test TKN-NH3

Accepted 4/23/2019 14:19

Factor 4.886  
Bias 0.030

Coeff. of det. 0.999533

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	TKN-10	0.147	0.5704	0.5000	
2	TKN-10	0.241	1.0284	1.0000	
3	TKN-10	0.528	2.4300	2.5000	
4	TKN-10	1.053	4.9956	5.0000	
5	TKN-10	1.371	6.5534	6.6667	
6	TKN-10	2.095	10.0889	10.0000	