

LB97029

Test results

Aquakem 7.2AQ1

Page: 1

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

8/1/2018 11:51

Test: TKN-NH3 *mg/d*

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.427	0.0	1.210	
ICB1	0.156	0.0	0.053	
CCV1	4.767	0.0	1.065	
CCB1	0.139	0.0	0.049	
PB111636BL	0.144	0.0	0.050	
PB111636BS	5.286	0.0	1.180	
J4233-01	10.163	0.0	2.251	Test limit high
J4233-01DUP	9.905	0.0	2.194	
J4233-01MS	13.391	0.0	2.959	Init abs., Test limit hig
J4233-01MSD	12.845	0.0	2.840	Init abs., Test limit hig
J4233-02	0.679	0.0	0.168	
J4233-03	0.670	0.0	0.166	
CCV2	4.942	0.0	1.104	
CCB2	0.155	0.0	0.053	
J4233-01DLX2	5.067	0.0	1.131	
J4233-01DUPDLX2	4.945	0.0	1.105	
J4233-01MSDLX2	6.628	0.0	1.474	
J4233-01MSDDLX2	6.460	0.0	1.437	
CCV3	4.919	0.0	1.099	
CCB3	0.144	0.0	0.050	

N 20  
Mean 4.842  
SD 4.2454  
CV% 87.69

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Calibration results

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Page: 1

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284 Sheffield Street,  
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8/1/2018 10:39  
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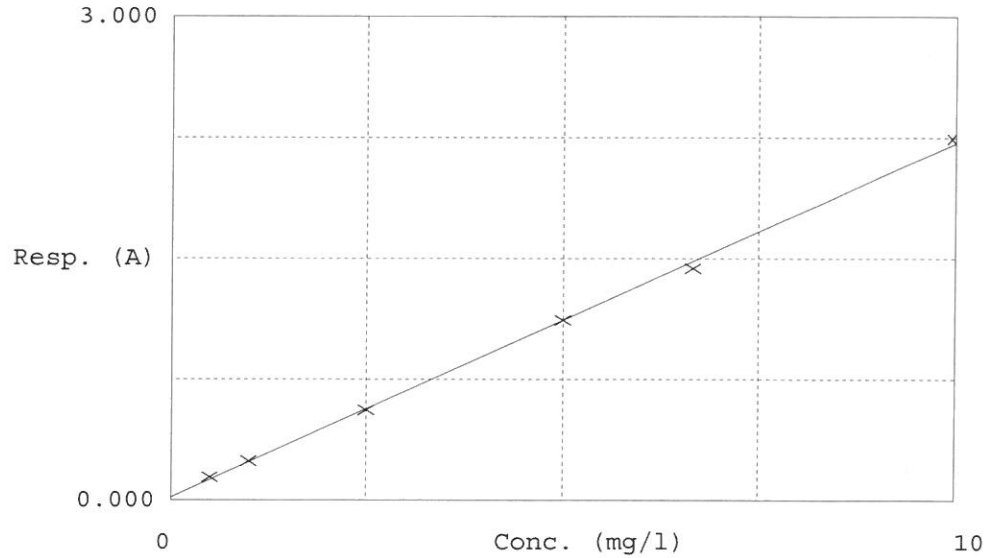
Test TKN-NH3

Accepted 8/1/2018 10:39

Factor 4.553  
Bias 0.019

Coeff. of det. 0.999033

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	TKN-10	0.144	0.5720	0.5000	
2	TKN-10	0.244	1.0253	1.0000	
3	TKN-10	0.560	2.4640	2.5000	
4	TKN-10	1.118	5.0047	5.0000	
5	TKN-10	1.439	6.4668	6.6667	
6	TKN-10	2.244	10.1337	10.0000	

Aquakem v. 7.2AQ1

VAS

Results from time period:

Wed Aug 01 10:37:42 2018

Wed Aug 01 11:41:23 2018

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.5PPM	A	TKN-NH3	P	0.572	mg/l	8/1/2018 10:37:42	
1.0PPM	A	TKN-NH3	P	1.0253	mg/l	8/1/2018 10:37:43	
2.5PPM	A	TKN-NH3	P	2.464	mg/l	8/1/2018 10:37:44	
5.0PPM	A	TKN-NH3	P	5.0047	mg/l	8/1/2018 10:37:45	
6.7PPM	A	TKN-NH3	P	6.4668	mg/l	8/1/2018 10:37:46	
10.0PPM	A	TKN-NH3	P	10.1337	mg/l	8/1/2018 10:37:47	
ICV1	S	TKN-NH3	P	5.4269	mg/l	8/1/2018 11:06:39	
ICB1	S	TKN-NH3	P	0.1556	mg/l	8/1/2018 11:06:40	
CCV1	S	TKN-NH3	P	4.7665	mg/l	8/1/2018 11:06:41	
CCB1	S	TKN-NH3	P	0.1386	mg/l	8/1/2018 11:06:42	
PB111636BL	S	TKN-NH3	P	0.144	mg/l	8/1/2018 11:06:43	
PB111636BS	S	TKN-NH3	P	5.2861	mg/l	8/1/2018 11:06:44	
J4233-01	S	TKN-NH3	P	10.1634	mg/l	8/1/2018 11:06:45	
J4233-01DUP	S	TKN-NH3	P	9.9051	mg/l	8/1/2018 11:06:46	
J4233-01MS	S	TKN-NH3	P	13.3908	mg/l	8/1/2018 11:06:47	
J4233-01MSD	S	TKN-NH3	P	12.8449	mg/l	8/1/2018 11:06:48	
J4233-02	S	TKN-NH3	P	0.6794	mg/l	8/1/2018 11:06:49	
J4233-03	S	TKN-NH3	P	0.6697	mg/l	8/1/2018 11:06:50	
CCV2	S	TKN-NH3	P	4.9416	mg/l	8/1/2018 11:12:08	
CCB2	S	TKN-NH3	P	0.1552	mg/l	8/1/2018 11:12:09	
J4233-01DLX2	S	TKN-NH3	P	5.0669	mg/l	8/1/2018 11:41:18	
J4233-01DUPDLX2	S	TKN-NH3	P	4.9453	mg/l	8/1/2018 11:41:19	
J4233-01MSDLX2	S	TKN-NH3	P	6.628	mg/l	8/1/2018 11:41:20	
J4233-01MSDDLX2	S	TKN-NH3	P	6.4601	mg/l	8/1/2018 11:41:21	
CCV3	S	TKN-NH3	P	4.9189	mg/l	8/1/2018 11:41:22	
CCB3	S	TKN-NH3	P	0.1441	mg/l	8/1/2018 11:41:23	