

LB93822

Test results

Aquakem 7.2AQ1

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

3/12/2018 10:10

Test: CNEPA-NEW *Hg/d*

Sample Id	Result	Dil. 1 +	Response	Errors
ICV ICV	94.519	0.0	0.108	
ICB ICB	-0.084	0.0	0.006	
CCV001 CCV001	242.204	0.0	0.268	
CCB001 CCB001	0.030	0.0	0.006	
PB107223BL PBS006	-0.234	0.0	0.006	
J1837-01 MF6F08	0.449	0.0	0.007	
J1837-02 MF6F09	2.582	0.0	0.009	
J1837-03 MF6F10	9.087	0.0	0.016	
J1837-04 MF6F12	0.326	0.0	0.007	
J1837-05 MF6F12D	1.518	0.0	0.008	
J1837-06 MF6F12S	78.443	0.0	0.091	
J1837-07 MF6F13	-0.032	0.0	0.006	
J1837-08 MF6F14	0.627	0.0	0.007	
J1837-09 MF6F15	-0.198	0.0	0.006	
J1837-10 MF6F33	-0.309	0.0	0.006	
J1837-11 MF6F34	1.457	0.0	0.008	
J1837-12 MF6F35	1.845	0.0	0.008	
J1837-13 MF6F48	-0.191	0.0	0.006	
J1837-14 MF6F49	-0.091	0.0	0.006	
J1837-15 MF6F32	-0.277	0.0	0.006	
J1837-18 MF6F36	-0.157	0.0	0.006	
J1837-19 MF6F47	0.994	0.0	0.007	
PB107219BL PBS006	-0.606	0.0	0.006	
J1836-01 MF6F00	0.841	0.0	0.007	
J1836-02 MF6F01	-0.263	0.0	0.006	
J1836-03 MF6F02	-0.238	0.0	0.006	
J1836-04 MF6F03	-0.092	0.0	0.006	
J1836-05 MF6F04	0.140	0.0	0.006	
J1836-06 MF6F05	-0.117	0.0	0.006	
J1836-07 MF6F40	-0.354	0.0	0.006	
J1836-08 MF6F41	-0.203	0.0	0.006	
J1836-09 MF6F42	-0.088	0.0	0.006	
J1836-10 MF6F43	-0.086	0.0	0.006	
J1836-11 MF6F44	-0.318	0.0	0.006	
J1836-12 MF6F16	0.793	0.0	0.007	
J1836-13 MF6F17	-0.131	0.0	0.006	
J1836-14 MF6F18	0.209	0.0	0.007	
J1836-15 MF6F18D	0.391	0.0	0.007	
J1836-16 MF6F18S	80.041	0.0	0.093	
J1836-17 MF6F20	0.810	0.0	0.007	
J1836-18 MF6F21	0.394	0.0	0.007	
J1836-19 MF6F24	0.009	0.0	0.006	
J1836-20 MF6F28	0.179	0.0	0.007	
J1836-21 MF6F29	0.395	0.0	0.007	
J1836-22 MF6F30	-0.167	0.0	0.006	
PB107222BL PBW005	-0.224	0.0	0.006	
J1837-16 MF6F51	-0.095	0.0	0.006	
J1837-17 MF6F52	3.125	0.0	0.010	
CCV002 CCV002	252.341	0.0	0.279	
CCB002 CCB002	0.178	0.0	0.007	

03/12/18
AS

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3/12/2018 10:10

Test: CNEPA-NEW *Myd*

Sample Id	Result	Dil. 1 +	Response	Ô□,,
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N	50
Mean	15.387
SD	51.9234
CV%	337.44

Aquakem v. 7.2AQ1

Results from time period:

Mon Mar 12 08:28:59 2018

Mon Mar 12 10:04:09 2018

Sample Id	Sam/Ctr/c/	Test short nam	Test type	Result	Result unit	Result date and time
S0.0	A	CNEPA-NEW	P	-0.5179	µg/l	3/12/2018 8:47:52
S5.0	A	CNEPA-NEW	P	4.3046	µg/l	3/12/2018 8:47:53
S10.0	A	CNEPA-NEW	P	9.8241	µg/l	3/12/2018 8:47:54
S100.0	A	CNEPA-NEW	P	99.6564	µg/l	3/12/2018 8:47:55
S250.0	A	CNEPA-NEW	P	253.3072	µg/l	3/12/2018 8:47:56
S500.0	A	CNEPA-NEW	P	498.4256	µg/l	3/12/2018 8:47:57
ICV ICV	S	CNEPA-NEW	P	94.5187	µg/l	3/12/2018 9:36:07
ICB ICB	S	CNEPA-NEW	P	-0.0838	µg/l	3/12/2018 9:36:08
CCV001 CCV001	S	CNEPA-NEW	P	242.2036	µg/l	3/12/2018 9:36:09
CCB001 CCB001	S	CNEPA-NEW	P	0.0297	µg/l	3/12/2018 9:36:10
PB107223BL PBS006	S	CNEPA-NEW	P	-0.2342	µg/l	3/12/2018 9:36:11
J1837-01 MF6F08	S	CNEPA-NEW	P	0.449	µg/l	3/12/2018 9:36:12
J1837-02 MF6F09	S	CNEPA-NEW	P	2.5816	µg/l	3/12/2018 9:36:13
J1837-03 MF6F10	S	CNEPA-NEW	P	9.0869	µg/l	3/12/2018 9:36:14
J1837-04 MF6F12	S	CNEPA-NEW	P	0.3261	µg/l	3/12/2018 9:36:15
J1837-05 MF6F12D	S	CNEPA-NEW	P	1.518	µg/l	3/12/2018 9:36:16
J1837-06 MF6F12S	S	CNEPA-NEW	P	78.4432	µg/l	3/12/2018 9:36:17
J1837-07 MF6F13	S	CNEPA-NEW	P	-0.0317	µg/l	3/12/2018 9:43:42
J1837-08 MF6F14	S	CNEPA-NEW	P	0.6266	µg/l	3/12/2018 9:43:43
J1837-09 MF6F15	S	CNEPA-NEW	P	-0.1978	µg/l	3/12/2018 9:43:44
J1837-10 MF6F33	S	CNEPA-NEW	P	-0.309	µg/l	3/12/2018 9:43:45
J1837-11 MF6F34	S	CNEPA-NEW	P	1.4572	µg/l	3/12/2018 9:43:46
J1837-12 MF6F35	S	CNEPA-NEW	P	1.8453	µg/l	3/12/2018 9:43:47
J1837-13 MF6F48	S	CNEPA-NEW	P	-0.1906	µg/l	3/12/2018 9:43:48
J1837-14 MF6F49	S	CNEPA-NEW	P	-0.0907	µg/l	3/12/2018 9:43:49
J1837-15 MF6F32	S	CNEPA-NEW	P	-0.2773	µg/l	3/12/2018 9:43:50
J1837-18 MF6F36	S	CNEPA-NEW	P	-0.157	µg/l	3/12/2018 9:43:51
J1837-19 MF6F47	S	CNEPA-NEW	P	0.9936	µg/l	3/12/2018 9:43:52
PB107219BL PBS006	S	CNEPA-NEW	P	-0.6061	µg/l	3/12/2018 9:51:16
J1836-01 MF6F00	S	CNEPA-NEW	P	0.8412	µg/l	3/12/2018 9:51:17
J1836-02 MF6F01	S	CNEPA-NEW	P	-0.2631	µg/l	3/12/2018 9:51:18
J1836-03 MF6F02	S	CNEPA-NEW	P	-0.2381	µg/l	3/12/2018 9:51:19
J1836-04 MF6F03	S	CNEPA-NEW	P	-0.0921	µg/l	3/12/2018 9:51:20
J1836-05 MF6F04	S	CNEPA-NEW	P	0.1396	µg/l	3/12/2018 9:51:21
J1836-06 MF6F05	S	CNEPA-NEW	P	-0.1174	µg/l	3/12/2018 9:51:22
J1836-07 MF6F40	S	CNEPA-NEW	P	-0.3542	µg/l	3/12/2018 9:51:23
J1836-08 MF6F41	S	CNEPA-NEW	P	-0.2026	µg/l	3/12/2018 9:51:24
J1836-09 MF6F42	S	CNEPA-NEW	P	-0.0875	µg/l	3/12/2018 9:51:25
J1836-10 MF6F43	S	CNEPA-NEW	P	-0.0863	µg/l	3/12/2018 9:51:26
J1836-11 MF6F44	S	CNEPA-NEW	P	-0.3176	µg/l	3/12/2018 9:58:49
J1836-12 MF6F16	S	CNEPA-NEW	P	0.7929	µg/l	3/12/2018 9:58:50
J1836-13 MF6F17	S	CNEPA-NEW	P	-0.1314	µg/l	3/12/2018 9:58:51

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J1836-14 MF6F18	S	CNEPA-NEW	P	0.2089 µg/l	3/12/2018 9:58:52
J1836-15 MF6F18D	S	CNEPA-NEW	P	0.3905 µg/l	3/12/2018 9:58:53
J1836-16 MF6F18S	S	CNEPA-NEW	P	80.041 µg/l	3/12/2018 9:58:54
J1836-17 MF6F20	S	CNEPA-NEW	P	0.8098 µg/l	3/12/2018 9:58:55
J1836-18 MF6F21	S	CNEPA-NEW	P	0.3936 µg/l	3/12/2018 9:58:56
J1836-19 MF6F24	S	CNEPA-NEW	P	0.0095 µg/l	3/12/2018 9:58:57
J1836-20 MF6F28	S	CNEPA-NEW	P	0.1789 µg/l	3/12/2018 9:58:58
J1836-21 MF6F29	S	CNEPA-NEW	P	0.3955 µg/l	3/12/2018 9:58:59
J1836-22 MF6F30	S	CNEPA-NEW	P	-0.1674 µg/l	3/12/2018 10:04:04
PB107222BL PBW005	S	CNEPA-NEW	P	-0.2241 µg/l	3/12/2018 10:04:05
J1837-16 MF6F51	S	CNEPA-NEW	P	-0.0951 µg/l	3/12/2018 10:04:06
J1837-17 MF6F52	S	CNEPA-NEW	P	3.1254 µg/l	3/12/2018 10:04:07
CCV002 CCV002	S	CNEPA-NEW	P	252.3407 µg/l	3/12/2018 10:04:08
CCB002 CCB002	S	CNEPA-NEW	P	0.1783 µg/l	3/12/2018 10:04:09

CN RAW DATA

Calibration results

Aquakem 7.2AQ1

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284 Sheffield Street,
Mountainside, NJ 07092

Reviewed by : AS

3/12/2018 8:48

Test CNEPA-NEW

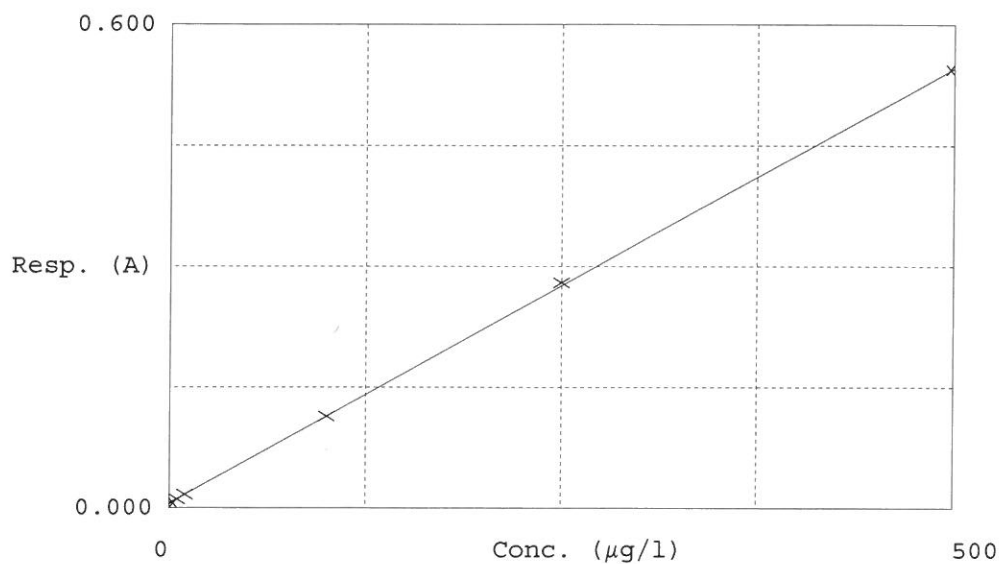
(Instrument ID:CN)

Accepted 3/12/2018 8:48

Factor (slope) 926.5
Bias (Y-intercept) 0.006

Coeff. of det. 0.999928

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors Percentage
1	0.0PPBCN 80.0	0.006	-0.5179	0.0000	86.092%
2	5.0PPBCN 85.0	0.011	4.3046	5.0000	98.241%
3	10PPBCN 810.0	0.017	9.8241	10.0000	99.6564%
4	100PPBCN 8100.0	0.114	99.6564	100.0000	101.3228%
5	250PPBCN 8250.0	0.280	253.3072	250.0000	99.6851%
6	500PPBCN 8500.0	0.544	498.4256	500.0000	

AS
03/12/18