



Analytical Summary Report

Analysis Method: 9045C

Analyst By : Jignesh

Parameter: Corrosivity

Supervisor Review By : apatel

Run Number: LB89075

Temp.: 23.3 °C

BalanceID: WC SC-4

SLOPE.: 98.4

Calibration Standards	Chemtech Log#
PH 4 BUFFER SOLUTION	W2183
buffer solution pH 7 yellow	W2159
PH 10.01 BUFFER,COLOR CD 475ML	W2154
BUFFER PH 7.00 GREEN 1PINT PK6	W2140
pH 2.00 Buffer	W2079
Buffer Solution, PH12 (500ml)	W2099

True Value of ICV = 7.00 Control Limits[+/- 0.1].

True Value of CCV1 = 2.01 Control Limits[+/- 0.1].

True Value of CCV2 = 12.01 Control Limits[+/- 0.1].

True Value of CCV3 = 12.01 Control Limits[+/- 0.1].

Seq	LabID	DF	Matrix	Weight (gm)	Volume (ml)	Result (pH)	Anal Date	Anal Time
1	CAL1	1	Water			4.01	07/27/2017	15:30
2	CAL2	1	Water			7.00	07/27/2017	15:31
3	CAL3	1	Water			10.04	07/27/2017	15:32
4	ICV	1	Water			7.01	07/27/2017	15:35
5	CCV1	1	Water			2.01	07/27/2017	15:36
6	I4447-01	1	Solid	20.02	20	4.22	07/27/2017	15:37
7	I4447-03	1	Solid	20.03	20	4.70	07/27/2017	15:38
8	I4447-04	1	Solid	20.01	20	4.56	07/27/2017	15:40
9	I4447-06	1	Solid	20.02	20	8.44	07/27/2017	15:41
10	I4475-03	1	Solid	20.03	20	6.10	07/27/2017	15:42
11	I4475-04	1	Solid	20.03	20	7.21	07/27/2017	15:44
12	I4476-04	1	Solid	20.01	20	6.06	07/27/2017	15:45
13	I4476-08	1	Solid	20.02	20	6.39	07/27/2017	15:46
14	I4488-03	1	Solid	20.03	20	7.95	07/27/2017	15:47
15	I4488-06	1	Solid	20.01	20	8.75	07/27/2017	15:48
16	CCV2	1	Water			12.01	07/27/2017	15:50
17	I4488-09	1	Solid	20.04	20	9.22	07/27/2017	15:51
18	I4488-12	1	Solid	20.02	20	5.87	07/27/2017	15:52
19	I4488-15	1	Solid	20.03	20	7.59	07/27/2017	15:53
20	I4488-15DUP	1	Solid	20.04	20	7.60	07/27/2017	16:00

Seq	LabID	DF	Matrix	Weight (gm)	Volume (ml)	Result (pH)	Anal Date	Anal Time
21	CCV3	1	Water			12.02	07/27/2017	16:01

UB 89065

Test results

Aquakem 7.2AQ1

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

7/27/2017 15:23

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	95.496	0.0	0.105	
ICB1	-0.408	0.0	0.004	
CCV1	244.368	0.0	0.263	
CCB1	0.096	0.0	0.004	
PB101015BL	0.051	0.0	0.004	
PB101015BS	99.267	0.0	0.109	
I4465-01	-0.150	0.0	0.004	
I4465-01DUP	0.040	0.0	0.004	
I4465-01MS	33.095	0.0	0.039	
I4465-01MSD	33.761	0.0	0.040	
I4465-04	0.586	0.0	0.005	
I4466-01	0.217	0.0	0.005	
I4467-02	1.939	0.0	0.006	
I4472-01	2.156	0.0	0.007	
CCV2	246.802	0.0	0.265	
CCB2	0.083	0.0	0.004	
I4473-01	-0.240	0.0	0.004	
I4476-01	0.095	0.0	0.004	
I4476-05	-0.347	0.0	0.004	
LOWPB101015	9.438	0.0	0.014	
HIGHPB101015	493.723	0.0	0.527	
CCV3	243.273	0.0	0.262	
CCB3	0.221	0.0	0.005	

N	23
Mean	65.372
SD	125.5146
CV%	192.00

Aquakem v. 7.2AQ1

Results from time period:

Thu Jul 27 15:12:29 2017

Thu Jul 27 15:22:52 2017

AK

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.5413	µg/l	7/27/2017 8:41:24	
5.0PPBCN	A	Total CN	P	4.3857	µg/l	7/27/2017 8:41:25	
10PPBCN	A	Total CN	P	9.8557	µg/l	7/27/2017 8:41:26	
50PPBCN	A	Total CN	P	50.0023	µg/l	7/27/2017 8:41:27	
100PPBCN	A	Total CN	P	101.6029	µg/l	7/27/2017 8:41:28	
250PPBCN	A	Total CN	P	250.0129	µg/l	7/27/2017 8:41:29	
500PPBCN	A	Total CN	P	499.6818	µg/l	7/27/2017 8:41:30	
ICV1	S	Total CN	P	95.4957	µg/l	7/27/2017 15:12:29	
ICB1	S	Total CN	P	-0.4079	µg/l	7/27/2017 15:12:30	
CCV1	S	Total CN	P	244.3675	µg/l	7/27/2017 15:12:31	
CCB1	S	Total CN	P	0.0957	µg/l	7/27/2017 15:12:32	
PB101015BL	S	Total CN	P	0.0512	µg/l	7/27/2017 15:12:33	
PB101015BS	S	Total CN	P	99.2673	µg/l	7/27/2017 15:12:34	
I4465-01	S	Total CN	P	-0.1497	µg/l	7/27/2017 15:12:35	
I4465-01DUP	S	Total CN	P	0.0403	µg/l	7/27/2017 15:12:36	
I4465-01MS	S	Total CN	P	33.0948	µg/l	7/27/2017 15:12:37	
I4465-01MSD	S	Total CN	P	33.7608	µg/l	7/27/2017 15:12:38	
I4465-04	S	Total CN	P	0.5859	µg/l	7/27/2017 15:12:39	
I4466-01	S	Total CN	P	0.2171	µg/l	7/27/2017 15:20:04	
I4467-02	S	Total CN	P	1.9393	µg/l	7/27/2017 15:20:05	
I4472-01	S	Total CN	P	2.1561	µg/l	7/27/2017 15:20:06	
CCV2	S	Total CN	P	246.8019	µg/l	7/27/2017 15:20:07	
CCB2	S	Total CN	P	0.0828	µg/l	7/27/2017 15:20:08	
I4473-01	S	Total CN	P	-0.2403	µg/l	7/27/2017 15:20:09	
I4476-01	S	Total CN	P	0.0951	µg/l	7/27/2017 15:20:10	
I4476-05	S	Total CN	P	-0.3472	µg/l	7/27/2017 15:20:11	
LOWPB101015	S	Total CN	P	9.4381	µg/l	7/27/2017 15:20:12	
HIGHPB101015	S	Total CN	P	493.7229	µg/l	7/27/2017 15:20:13	
CCV3	S	Total CN	P	243.2728	µg/l	7/27/2017 15:20:14	
CCB3	S	Total CN	P	0.2209	µg/l	7/27/2017 15:22:52	

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7/27/2017 8:42

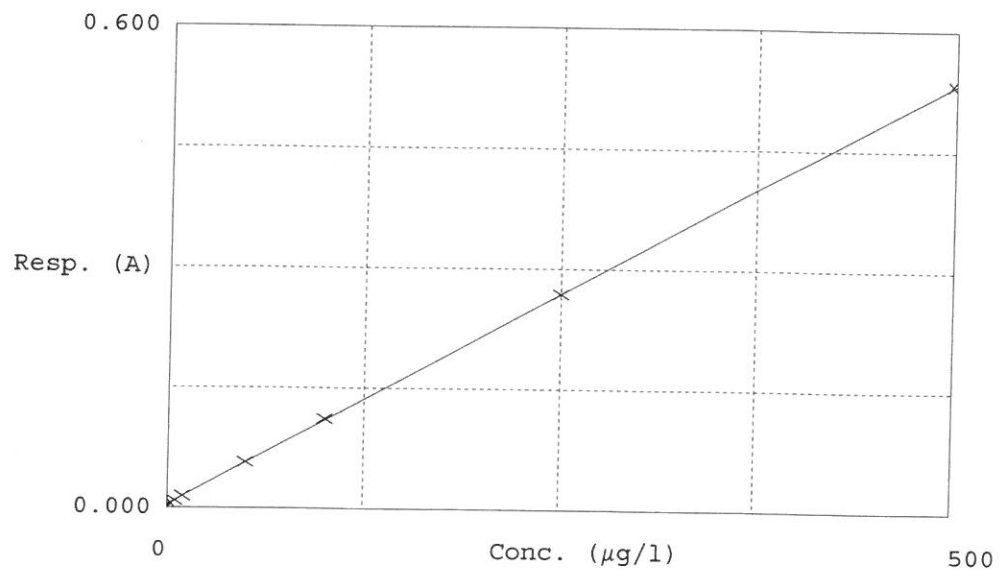
Test Total CN

Accepted 7/27/2017 8:42

Factor 945.3
 Bias 0.004

Coeff. of det. 0.999984

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.004	-0.5413	0.0000	
2	5.0PPBCN	0.009	4.3857	5.0000	
3	10PPBCN	0.015	9.8557	10.0000	
4	50PPBCN	0.057	50.0023	50.0000	
5	100PPBCN	0.112	101.6029	100.0000	
6	250PPBCN	0.269	250.0129	250.0000	
7	500PPBCN	0.533	499.6818	500.0000	