



Analytical Summary Report

Analysis Method: 9040C

Analyst By : jignesh

Parameter: pH

Supervisor Review By : apatel

Run Number: LB104570

Slope : 98.5

pH Meter ID : WC PH METER-1

Calibration Standards	Chemtech Log#
PH 4 BUFFER SOLUTION	W2445
buffer solution pH 7 yellow	W2447
PH 10.01 BUFFER,COLOR CD 475ML	W2391
buffer solution pH 7 yellow	W2446
pH 2.00 Buffer	W2289
Buffer Solution, PH12 (500ml)	W2467

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

True Value of CCV1 = 2.00 Control Limits[+/- 0.1].

True Value of CCV2 = 12.00 Control Limits[+/- 0.1].

True Value of CCV3 = 2.00 Control Limits[+/- 0.1].

True Value of CCV4 = 12.00 Control Limits[+/- 0.1].

Seq	LabID	DF	Matrix	Weight (gm)	Volume (ml)	Temperature (°C)	Result (pH)	Anal Date	Anal Time
1	CAL1	1	Water	NA	NA	20.1	4.01	08/13/2019	17:00
2	CAL2	1	Water	NA	NA	20.1	7.00	08/13/2019	17:01
3	CAL3	1	Water	NA	NA	20.1	10.02	08/13/2019	17:02
4	ICV	1	Water	NA	NA	20.1	6.99	08/13/2019	17:05
5	CCV1	1	Water	NA	NA	20.1	2.02	08/13/2019	17:06
6	K4329-03	1	Water	NA	NA	20.4	6.60	08/13/2019	17:07
7	K4329-03DUP	1	Water	NA	NA	20.5	6.61	08/13/2019	17:08
8	K4333-01	1	Water	NA	NA	21.4	11.56	08/13/2019	17:10
9	K4338-03	1	Water	NA	NA	23.5	8.14	08/13/2019	17:11
10	K4338-04	1	Water	NA	NA	23.8	8.26	08/13/2019	17:12
11	K4338-05	1	Water	NA	NA	23.8	8.28	08/13/2019	17:15
12	K4338-06	1	Water	NA	NA	23.6	7.84	08/13/2019	17:16
13	K4338-09	1	Water	NA	NA	23.7	8.05	08/13/2019	17:17
14	K4338-10	1	Water	NA	NA	23.6	6.99	08/13/2019	17:18
15	K4338-11	1	Water	NA	NA	23.6	6.61	08/13/2019	17:20
16	CCV2	1	Water	NA	NA	20.1	12.01	08/13/2019	17:21
17	K4338-12	1	Water	NA	NA	23.9	7.00	08/13/2019	17:22
18	K4338-13	1	Water	NA	NA	23.8	6.79	08/13/2019	17:24
19	K4338-14	1	Water	NA	NA	23.5	7.66	08/13/2019	17:25
20	K4338-15	1	Water	NA	NA	23.6	7.21	08/13/2019	17:26

Seq	LabID	DF	Matrix	Weight (gm)	Volume (ml)	Temperature (°C)	Result (pH)	Anal Date	Anal Time
21	K4338-16	1	Water	NA	NA	23.6	6.96	08/13/2019	17:28
22	K4338-17	1	Water	NA	NA	23.6	6.86	08/13/2019	17:30
23	K4338-18	1	Water	NA	NA	23.7	7.45	08/13/2019	17:31
24	K4338-19	1	Water	NA	NA	23.7	6.75	08/13/2019	17:32
25	K4338-20	1	Water	NA	NA	23.6	8.06	08/13/2019	17:34
26	K4338-21	1	Water	NA	NA	23.3	7.46	08/13/2019	17:35
27	CCV3	1	Water	NA	NA	20.1	2.02	08/13/2019	17:36
28	K4338-22	1	Water	NA	NA	23.3	7.12	08/13/2019	17:38
29	K4338-23	1	Water	NA	NA	23.3	7.51	08/13/2019	17:39
30	K4338-24	1	Water	NA	NA	23.4	7.07	08/13/2019	17:40
31	K4338-25	1	Water	NA	NA	23.4	7.23	08/13/2019	17:41
32	K4338-26	1	Water	NA	NA	23.2	7.08	08/13/2019	17:42
33	K4338-27	1	Water	NA	NA	23.4	7.44	08/13/2019	17:44
34	K4338-28	1	Water	NA	NA	22.8	8.13	08/13/2019	17:45
35	K4338-28DUP	1	Water	NA	NA	22.9	8.14	08/13/2019	17:46
36	CCV4	1	Water	NA	NA	20.2	12.02	08/13/2019	17:47

VB 104570

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PH K4338 WorkList ID : 129774 Department : Wet-Chemistry Date : 08-13-2019 16:42:00

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/13/2019	Water	K4329-03 ✓	pH	Cool 4 deg C	PSEG01	N42	WATER-PIT	08/13/2019	9040C
08/13/2019	Water	K4333-01 ✓	pH	Cool 4 deg C	PSEG01	N42	FRAC-TANK	08/13/2019	9040C
08/13/2019	Water	K4338-03 ✓	pH	Cool 4 deg C	PSEG01	N42	30437	08/13/2019	9040C
08/13/2019	Water	K4338-04 ✓	pH	Cool 4 deg C	PSEG01	N42	30438	08/13/2019	9040C
08/13/2019	Water	K4338-05 ✓	pH	Cool 4 deg C	PSEG01	N42	30439	08/13/2019	9040C
08/13/2019	Water	K4338-06 ✓	pH	Cool 4 deg C	PSEG01	N42	30440	08/13/2019	9040C
08/13/2019	Water	K4338-09 ✓	pH	Cool 4 deg C	PSEG01	N42	30441	08/13/2019	9040C
08/13/2019	Water	K4338-10 ✓	pH	Cool 4 deg C	PSEG01	N42	30443	08/13/2019	9040C
08/13/2019	Water	K4338-11 ✓	pH	Cool 4 deg C	PSEG01	N42	30444	08/13/2019	9040C
08/13/2019	Water	K4338-12 ✓	pH	Cool 4 deg C	PSEG01	N42	30445	08/13/2019	9040C
08/13/2019	Water	K4338-13 ✓	pH	Cool 4 deg C	PSEG01	N42	30459	08/13/2019	9040C
08/13/2019	Water	K4338-14 ✓	pH	Cool 4 deg C	PSEG01	N42	30460	08/13/2019	9040C
08/13/2019	Water	K4338-15 ✓	pH	Cool 4 deg C	PSEG01	N42	30461	08/13/2019	9040C
08/13/2019	Water	K4338-16 ✓	pH	Cool 4 deg C	PSEG01	N42	30462	08/13/2019	9040C
08/13/2019	Water	K4338-17 ✓	pH	Cool 4 deg C	PSEG01	N42	30463	08/13/2019	9040C
08/13/2019	Water	K4338-18 ✓	pH	Cool 4 deg C	PSEG01	N42	30464	08/13/2019	9040C
08/13/2019	Water	K4338-19 ✓	pH	Cool 4 deg C	PSEG01	N42	30465	08/13/2019	9040C
08/13/2019	Water	K4338-20 ✓	pH	Cool 4 deg C	PSEG01	N42	30466	08/13/2019	9040C
08/13/2019	Water	K4338-21 ✓	pH	Cool 4 deg C	PSEG01	N42	30467	08/13/2019	9040C
08/13/2019	Water	K4338-22 ✓	pH	Cool 4 deg C	PSEG01	N42	30468	08/13/2019	9040C
08/13/2019	Water	K4338-23 ✓	pH	Cool 4 deg C	PSEG01	N42	30469	08/13/2019	9040C
08/13/2019	Water	K4338-24 ✓	pH	Cool 4 deg C	PSEG01	N42	30470	08/13/2019	9040C

Date/Time 08-13-19 16:45 Date/Time 08-13-19 18-20
 Received by: Jr Received by: CO
 Relinquished by: CO Relinquished by: Jr

LB 104570

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PH K4338 WorkList ID : 129774 Department : Wet-Chemistry Date : 08-13-2019 16:42:00

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/13/2019	Water	K4338-25 ✓	pH	Cool 4 deg C	PSEG01	N42	30471	08/13/2019	9040C
08/13/2019	Water	K4338-26 ✓	pH	Cool 4 deg C	PSEG01	N42	30472	08/13/2019	9040C
08/13/2019	Water	K4338-27 ✓	pH	Cool 4 deg C	PSEG01	N42	30473	08/13/2019	9040C
08/13/2019	Water	K4338-28 ✓	pH	Cool 4 deg C	PSEG01	N42	30474	08/13/2019	9040C

Date/Time 08.10.19 16.45
Received by: Jo
Relinquished by: ef

Date/Time 08.13.19 18.20
Received by: Log
Relinquished by: Jo