CHEMTECH

Analytical Summary Report

Analysis Method: SM3500-Cr B
ANALYST: ketankumar
Parameter: Hexavalent Chromium
SUPERVISOR REVIEW BY: apatel
Run Number: LB116233
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP92899
Calibration Std. hexchrome 0.05 ppm	WP92900
calibration std. hexchrome 0.01 ppm	WP92901
calibration std. hexchrome 0 ppm	WP92903
hexavalent chromium color reagent	WP92818
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP92902
Hexavalent Chromium ICV-LCS Std	WP92904
Calibration and CCV std HexChrome 0.5PPM	WP92898
Calibration std HexChrome 1.0PPM	WP92897

Intercept: -0.0011 **Slope:** 0.7813 **Regression:** 0.999995

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		2.08	0.000	0.000	0.000	0.001		09/10/2021	10:35
2	CAL2	0.01	1	100	100		1.92	0.000	0.006	0.006	0.009	10	09/10/2021	10:36
3	CAL3	0.025	1	100	100		1.75	0.000	0.017	0.017	0.023	8	09/10/2021	10:37
4	CAL4	0.05	1	100	100		2.19	0.000	0.038	0.038	0.050	0	09/10/2021	10:38
5	CAL5	0.1	1	100	100		2.34	0.000	0.078	0.078	0.101	-1	09/10/2021	10:39
6	CAL6	0.5	1	100	100		2.20	0.000	0.390	0.390	0.500	0	09/10/2021	10:40
7	CAL7	1	1	100	100		2.40	0.000	0.780	0.780	0.999	0.1	09/10/2021	10:41

CHEMTECH

Analytical Summary Report

Analysis Method: SM3500-Cr B

Parameter: Hexavalent Chromium

Run Number: LB116233

ANALYST: ketankumar

SUPERVISOR REVIEW BY: apatel

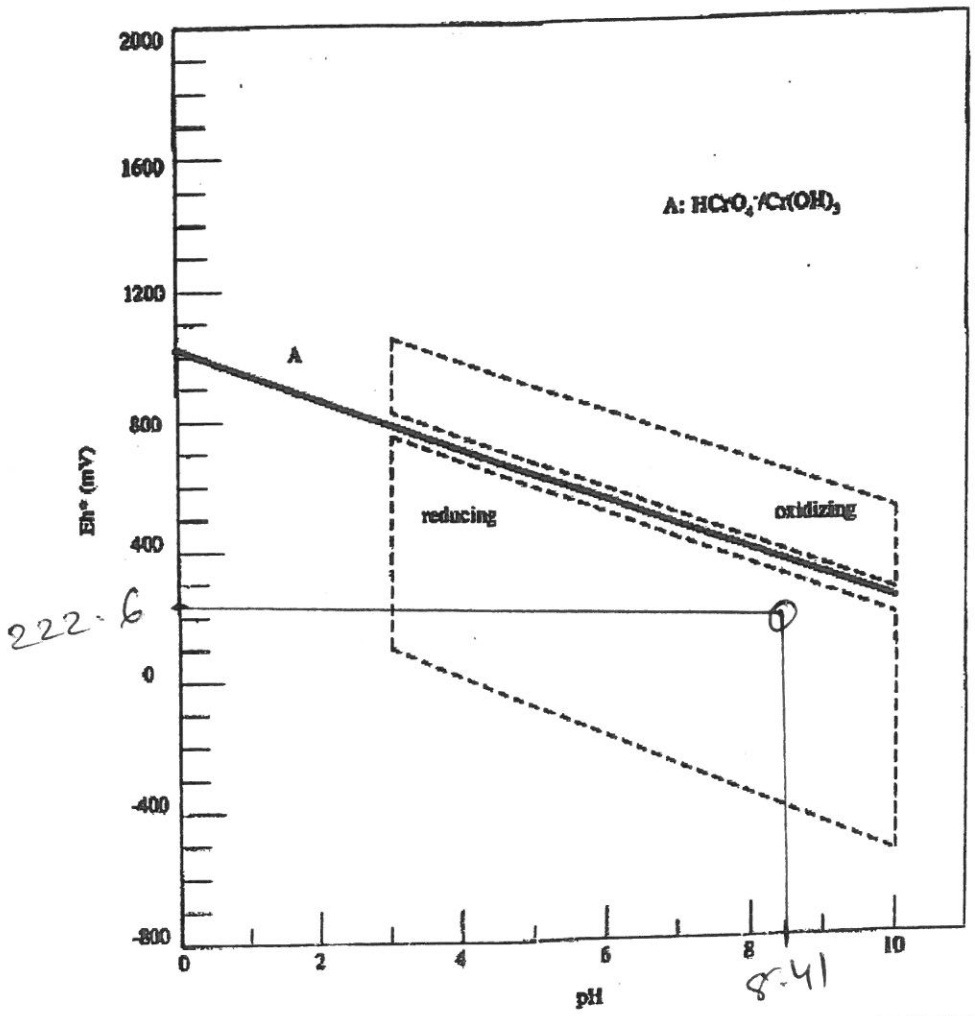
pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.13	0.000	0.389	0.389	0.499	09/10/2021	10:42
2	ICB		1	100	100		2.34	0.000	0.000	0.000	0.001	09/10/2021	10:43
3	CCV1	0.5	1	100	100		2.25	0.000	0.385	0.385	0.494	09/10/2021	10:44
4	CCB1		1	100	100		1.89	0.000	0.000	0.000	0.001	09/10/2021	10:45
5	RL Check	0.01	1	100	100		1.74	0.000	0.008	0.008	0.012	09/10/2021	10:46
6	LB116233BL		1	100	100		1.95	0.000	0.000	0.000	0.001	09/10/2021	10:47
7	LB116233BS	0.5	1	100	100		2.34	0.000	0.403	0.403	0.517	09/10/2021	10:48
8	M3688-01		1	100	100		2.10	0.015	0.015	0.000	0.001	09/10/2021	10:50
9	M3688-01DU		1	100	100		2.08	0.014	0.014	0.000	0.001	09/10/2021	10:51
10	M3688-01MS	1	2	100	100		2.25	0.014	0.080	0.066	0.086	09/10/2021	10:52
11	M3688-01MS	1	2	100	100		2.30	0.015	0.082	0.067	0.087	09/10/2021	10:53
12	CCV2	0.5	1	100	100		1.85	0.000	0.390	0.390	0.501	09/10/2021	10:54
13	CCB2		1	100	100		1.90	0.000	0.000	0.000	0.001	09/10/2021	10:55

193688-01
PH = 8.41
Eh = 222.6
KS

FIGURE 2
Eh/pH PHASE DIAGRAM

The dashed lines define Eh-pH boundaries commonly encountered in soils and sediments.



* Note the Eh values plotted on this diagram are corrected for the reference electrode voltage: 244 mV units must be added to the measured value when a separate calomel electrode is used, or 199 mV units must be added if a combination platinum electrode is used.

LB 11 6233

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex91021 **WorkList ID :** 152144 **Department :** Wet-Chemistry **Date :** 09-10-2021 09:57:40

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/14/2021	Water	M3688-01 I	Hexavalent Chromium	Ammonium sul	PSEG03	H33	A688	09/09/2021	SM3500-Cr B

Date/Time 09/10/21 10:00
Raw Sample Received by: KS (WC)
Raw Sample Relinquished by: TP (WC)

Date/Time 09/10/21 11:00
Raw Sample Received by: TP (WC)
Raw Sample Relinquished by: KS (WC)