

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115715

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP92404
Calibration Std. hexchrome 0.05 ppm	WP92406
calibration std. hexchrome 0.01 ppm	WP92405
calibration std. hexchrome 0 ppm	WP92408
hexavalent chromium color reagent	WP92357
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP92407
Hexavalent Chromium ICV-LCS Std	WP92409
Calibration and CCV std HexChrome 0.5PPM	WP92403
Calibration std HexChrome 1.0PPM	WP92402

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		08/05/2021	15:35
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.009	10	08/05/2021	15:36
3	CAL3	0.025	1	100	100		1.75	0.000	0.017	0.017	0.023	8	08/05/2021	15:37
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.050	0	08/05/2021	15:38
5	CAL5	0.1	1	100	100		2.10	0.000	0.078	0.078	0.101	-1	08/05/2021	15:39
6	CAL6	0.5	1	100	100		2.35	0.000	0.390	0.390	0.500	0	08/05/2021	15:40
7	CAL7	1	1	100	100		2.26	0.000	0.780	0.780	0.999	0.1	08/05/2021	15:41



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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		2.18	0.000	0.389	0.389	0.499	08/05/2021	15:45
2	ICB		1	100	100		2.30	0.000	0.000	0.000	0.001	08/05/2021	15:46
3	CCV1	0.5	1	100	100		2.25	0.000	0.390	0.390	0.501	08/05/2021	15:47
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	0.001	08/05/2021	15:48
5	RL Check	0.01	1	100	100		1.93	0.000	0.008	0.008	0.012	08/05/2021	15:49
6	lb115715BL		1	100	100		1.82	0.000	0.000	0.000	0.001	08/05/2021	15:50
7	lb115715BS	0.5	1	100	100		2.08	0.000	0.404	0.404	0.518	08/05/2021	15:51
8	M3301-01		1	100	100		2.14	0.001	0.001	0.000	0.001	08/05/2021	15:52
9	M3301-01DU		1	100	100		2.34	0.002	0.002	0.000	0.001	08/05/2021	15:53
10	M3301-01MS	1	2	100	100		2.28	0.001	0.379	0.378	0.485	08/05/2021	15:54
11	M3301-01MS	1	2	100	100		2.14	0.002	0.380	0.378	0.485	08/05/2021	15:55
12	CCV2	0.5	1	100	100		2.36	0.000	0.390	0.390	0.501	08/05/2021	15:56
13	CCB2		1	100	100		2.21	0.000	0.000	0.000	0.001	08/05/2021	15:57

WORKLIST(Hardcopy Internal Chain)

LB115715

WorkList Name : hex8521 WorkList ID : 151202 Department : Wet-Chemistry Date : 08-05-2021 14:40:08

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/10/2021	Water	M3301-01	Hexavalent Chromium	Ammonium sul	PSEG03	D32	MH-P17	08/05/2021	SM3500-Cr B

Date/Time 08/05/21 14:45
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: JD (WC)

Date/Time 08/05/21 16:00
 Raw Sample Received by: JD (WC)
 Raw Sample Relinquished by: KS (WC)