

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117669

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP94209
Calibration Std. hexchrome 0.05 ppm	WP94203
calibration std. hexchrome 0.01 ppm	WP94204
calibration std. hexchrome 0 ppm	WP94206
hexavalent chromium color reagent	WP94208
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP94205
Hexavalent Chromium ICV-LCS Std	WP94207
Calibration and CCV std HexChrome 0.5PPM	WP94202
Calibration std HexChrome 1.0PPM	WP94201

Intercept: -0.0002

Slope: 0.7803

Regression: 0.999993

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	0.002	0.002	0.002		12/06/2021	16:45
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.009	10	12/06/2021	16:46
3	CAL3	0.025	1	100	100		1.74	0.000	0.018	0.018	0.023	8	12/06/2021	16:47
4	CAL4	0.05	1	100	100		1.95	0.000	0.038	0.038	0.048	4	12/06/2021	16:48
5	CAL5	0.1	1	100	100		2.10	0.000	0.078	0.078	0.100	0	12/06/2021	16:49
6	CAL6	0.5	1	100	100		2.35	0.000	0.390	0.390	0.500	0	12/06/2021	16:50
7	CAL7	1	1	100	100		2.25	0.000	0.780	0.780	0.999	0.1	12/06/2021	16:51

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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		2.10	0.000	0.389	0.389	0.499	12/06/2021	16:52
2	ICB		1	100	100		2.35	0.000	0.002	0.002	0.003	12/06/2021	16:53
3	CCV1	0.5	1	100	100		2.20	0.000	0.390	0.390	0.500	12/06/2021	16:54
4	CCB1		1	100	100		1.85	0.000	0.002	0.002	0.003	12/06/2021	16:55
5	RL Check	0.01	1	100	100		1.74	0.000	0.008	0.008	0.011	12/06/2021	16:56
6	lb117669BL		1	100	100		1.95	0.000	0.001	0.001	0.002	12/06/2021	16:57
7	lb117669BS	0.5	1	100	100		2.08	0.000	0.389	0.389	0.499	12/06/2021	17:00
8	M4953-01		1	100	100		2.35	0.002	0.002	0.000	0.000	12/06/2021	17:01
9	M4953-01DU		1	100	100		2.14	0.003	0.003	0.000	0.000	12/06/2021	17:02
10	M4953-01MS	1	2	100	100		2.25	0.002	0.360	0.358	0.459	12/06/2021	17:03
11	M4953-01MS	1	2	100	100		2.34	0.003	0.362	0.359	0.460	12/06/2021	17:04
12	M4953-02		1	100	100		2.14	0.004	0.004	0.000	0.000	12/06/2021	17:05
13	M4953-03		1	100	100		2.28	0.003	0.003	0.000	0.000	12/06/2021	17:06
14	CCV2	0.5	1	100	100		1.88	0.000	0.390	0.390	0.500	12/06/2021	17:07
15	CCB2		1	100	100		1.72	0.000	0.002	0.002	0.003	12/06/2021	17:08

WORKLIST(Hardcopy Internal Chain)

LB117669

WorkList Name : hex 12621 WorkList ID : 154905 Department : Wet-Chemistry Date : 12-06-2021 16:07:15

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/09/2021	Water	M4953-01	Hexavalent Chromium	Ammonium sul	PSEG03	F52	A377	12/06/2021	SM3500-Cr B
12/09/2021	Water	M4953-02	Hexavalent Chromium	Ammonium sul	PSEG03	F52	A3718	12/06/2021	SM3500-Cr B
12/09/2021	Water	M4953-03	Hexavalent Chromium	Ammonium sul	PSEG03	F52	A1513	12/06/2021	SM3500-Cr B

Date/Time 12/06/21 16:15
Raw Sample Received by: KS (wc)
Raw Sample Relinquished by: JPL (wc)

Date/Time 12/06/21 17:15
Raw Sample Received by: JPL (wc)
Raw Sample Relinquished by: KS (wc)