

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117511

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP94058
Calibration Std. hexchrome 0.05 ppm	WP94059
calibration std. hexchrome 0.01 ppm	WP94060
calibration std. hexchrome 0 ppm	WP94061
hexavalent chromium color reagent	WP94016
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP94062
Hexavalent Chromium ICV-LCS Std	WP94063
Calibration and CCV std HexChrome 0.5PPM	WP94057
Calibration std HexChrome 1.0PPM	WP94056

Intercept: -0.0007

Slope: 0.7808

Regression: 0.999998

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		2.10	0.000	0.000	0.000	0.000		11/23/2021	16:45
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.009	10	11/23/2021	16:46
3	CAL3	0.025	1	100	100		1.95	0.000	0.018	0.018	0.023	8	11/23/2021	16:47
4	CAL4	0.05	1	100	100		1.74	0.000	0.038	0.038	0.049	2	11/23/2021	16:48
5	CAL5	0.1	1	100	100		2.08	0.000	0.078	0.078	0.100	0	11/23/2021	16:49
6	CAL6	0.5	1	100	100		1.88	0.000	0.390	0.390	0.500	0	11/23/2021	16:50
7	CAL7	1	1	100	100		1.95	0.000	0.780	0.780	0.999	0.1	11/23/2021	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		2.15	0.000	0.389	0.389	0.499	11/23/2021	16:55
2	ICB		1	100	100		1.89	0.000	0.000	0.000	0.001	11/23/2021	16:56
3	CCV1	0.5	1	100	100		1.75	0.000	0.390	0.390	0.500	11/23/2021	16:57
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	0.001	11/23/2021	16:58
5	RL Check	0.01	1	100	100		2.08	0.000	0.008	0.008	0.011	11/23/2021	16:59
6	lb117511BL		1	100	100		2.34	0.000	0.000	0.000	0.001	11/23/2021	17:00
7	lb117511BS	0.5	1	100	100		2.25	0.000	0.401	0.401	0.514	11/23/2021	17:01
8	M4806-07		1	100	100		2.19	0.002	0.002	0.000	0.001	11/23/2021	17:02
9	M4806-07DU		1	100	100		2.08	0.003	0.003	0.000	0.001	11/23/2021	17:03
10	M4806-07MS	1	2	100	100		1.88	0.003	0.365	0.362	0.465	11/23/2021	17:05
11	M4806-07MS	1	2	100	100		1.70	0.002	0.367	0.365	0.468	11/23/2021	17:06
12	M4817-01		1	100	100		1.95	0.004	0.004	0.000	0.001	11/23/2021	17:07
13	M4820-07		1	100	100		2.34	0.003	0.003	0.000	0.001	11/23/2021	17:08
14	CCV2	0.5	1	100	100		2.16	0.000	0.391	0.391	0.502	11/23/2021	17:09
15	CCB2		1	100	100		2.20	0.000	0.000	0.000	0.001	11/23/2021	17:10

WORKLIST(Hardcopy Internal Chain)

LB117511

WorkList Name : hex112321 WorkList ID : 154626 Department : Wet-Chemistry Date : 11-23-2021 16:15:39

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/06/2021	Water	M4806-07	✓ Hexavalent Chromium	Cool 4 deg C	NEWY17	F11	14B-(1-4)-COMP	11/22/2021	SM3500-Cr B
11/30/2021	Water	M4817-01	J Hexavalent Chromium	Ammonium sul	PSEG03	F12	A6879	11/23/2021	SM3500-Cr B
12/06/2021	Water	M4820-07	C Hexavalent Chromium	Cool 4 deg C	NEWY17	F12	14B-(1-4)-COMP	11/23/2021	SM3500-Cr B

Date/Time 11/23/21 16:20
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: [Signature]

Date/Time 11/23/21 17:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]