

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117395

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP93939
Calibration Std. hexchrome 0.05 ppm	WP93940
calibration std. hexchrome 0.01 ppm	WP93941
calibration std. hexchrome 0 ppm	WP93943
hexavalent chromium color reagent	WP93945
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP93942
Hexavalent Chromium ICV-LCS Std	WP93944
Calibration and CCV std HexChrome 0.5PPM	WP93938
Calibration std HexChrome 1.0PPM	WP93937

Intercept: -0.0001

Slope: 0.781

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		2.15	0.000	0.000	0.000	0.000		11/16/2021	14:15
2	CAL2	0.01	1	100	100		2.30	0.000	0.007	0.007	0.009	10	11/16/2021	14:16
3	CAL3	0.025	1	100	100		2.25	0.000	0.018	0.018	0.023	8	11/16/2021	14:17
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	0.050	0	11/16/2021	14:18
5	CAL5	0.1	1	100	100		1.74	0.000	0.079	0.079	0.101	-1	11/16/2021	14:19
6	CAL6	0.5	1	100	100		1.95	0.000	0.392	0.392	0.502	-0.4	11/16/2021	14:20
7	CAL7	1	1	100	100		2.08	0.000	0.780	0.780	0.998	0.2	11/16/2021	14:21

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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		2.14	0.000	0.389	0.389	0.498	11/16/2021	14:25
2	ICB		1	100	100		2.35	0.000	0.000	0.000	0.000	11/16/2021	14:26
3	CCV1	0.5	1	100	100		2.28	0.000	0.390	0.390	0.499	11/16/2021	14:27
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.000	11/16/2021	14:28
5	RL Check	0.01	1	100	100		1.74	0.000	0.008	0.008	0.010	11/16/2021	14:30
6	lb117395BL		1	100	100		1.95	0.000	0.000	0.000	0.000	11/16/2021	14:31
7	lb117395BS	0.5	1	100	100		2.08	0.000	0.390	0.390	0.499	11/16/2021	14:32
8	M4697-07		1	100	100		2.14	0.002	0.002	0.000	0.000	11/16/2021	14:33
9	M4697-07DU		1	100	100		2.30	0.001	0.001	0.000	0.000	11/16/2021	14:34
10	M4697-07MS	1	2	100	100		1.98	0.002	0.401	0.399	0.511	11/16/2021	14:35
11	M4697-07MS	1	2	100	100		1.85	0.001	0.400	0.399	0.511	11/16/2021	14:36
12	M4703-07		1	100	100		1.74	0.003	0.003	0.000	0.000	11/16/2021	14:38
13	CCV2	0.5	1	100	100		2.34	0.000	0.391	0.391	0.501	11/16/2021	14:39
14	CCB2		1	100	100		2.41	0.000	0.000	0.000	0.000	11/16/2021	14:40

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex111621 WorkList ID : 154376 Department : Wet-Chemistry Date : 11-16-2021 08:59:11

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/29/2021	Water	M4697-07	Hexavalent Chromium	Ammonium sul	NEWY17	D22	14B-(1-4)-COMP	11/15/2021	SM3500-Cr B
11/29/2021	Water	M4703-07	Hexavalent Chromium	Ammonium sul	NEWY17	D31	14B-(1-4)-COMP	11/16/2021	SM3500-Cr B

Date/Time 11/16/21 13:40
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: KS (wc)

Date/Time 11/16/21 14:45
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: KS (wc)