

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117029

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP93633
Calibration Std. hexchrome 0.05 ppm	WP93634
calibration std. hexchrome 0.01 ppm	WP93635
calibration std. hexchrome 0 ppm	WP93637
hexavalent chromium color reagent	WP93595
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP93636
Hexavalent Chromium ICV-LCS Std	WP93638
Calibration and CCV std HexChrome 0.5PPM	WP93632
Calibration std HexChrome 1.0PPM	WP93631

Intercept: -0.0007

Slope: 0.7817

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		2.08	0.000	0.000	0.000	0.000		10/26/2021	16:05
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.009	10	10/26/2021	16:06
3	CAL3	0.025	1	100	100		1.74	0.000	0.018	0.018	0.023	8	10/26/2021	16:07
4	CAL4	0.05	1	100	100		1.95	0.000	0.038	0.038	0.049	2	10/26/2021	16:08
5	CAL5	0.1	1	100	100		2.10	0.000	0.078	0.078	0.100	0	10/26/2021	16:09
6	CAL6	0.5	1	100	100		2.35	0.000	0.390	0.390	0.499	0.2	10/26/2021	16:10
7	CAL7	1	1	100	100		2.28	0.000	0.781	0.781	1	0	10/26/2021	16:11



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117029

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	10/26/2021	16:15
2	ICB		1	100	100		2.35	0.000	0.000	0.000	0.001	10/26/2021	16:16
3	CCV1	0.5	1	100	100		2.20	0.000	0.390	0.390	0.500	10/26/2021	16:17
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.001	10/26/2021	16:18
5	RL Check	0.01	1	100	100		1.74	0.000	0.008	0.008	0.011	10/26/2021	16:19
6	LB117029BL		1	100	100		1.85	0.000	0.000	0.000	0.001	10/26/2021	16:20
7	LB117029BS	0.5	1	100	100		2.14	0.000	0.391	0.391	0.501	10/26/2021	16:21
8	M4372-15		1	100	100		2.35	0.000	0.000	0.000	0.001	10/26/2021	16:22
9	M4372-15DU		1	100	100		2.24	0.000	0.000	0.000	0.001	10/26/2021	16:23
10	M4372-15MS	1	2	100	100		1.88	0.000	0.399	0.399	0.511	10/26/2021	16:24
11	M4372-15MS	1	2	100	100		1.95	0.000	0.398	0.398	0.510	10/26/2021	16:25
12	CCV2	0.5	1	100	100		1.74	0.000	0.390	0.390	0.500	10/26/2021	16:26
13	CCB2		1	100	100		2.08	0.000	0.000	0.000	0.001	10/26/2021	16:27

WORKLIST(Hardcopy Internal Chain)

LB117029

WorkList Name : hex102621 WorkList ID : 153679 Department : Wet-Chemistry Date : 10-26-2021 15:21:36

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/01/2021	Water	M4372-15	Hexavalent Chromium	Ammonium sul	PSEG03	K11	GW-1	10/26/2021	SM3500-Cr B

Date/Time 10/26/21 15:40
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 10/26/21 16:30
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)