

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117278

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP93839
Calibration Std. hexchrome 0.05 ppm	WP93840
calibration std. hexchrome 0.01 ppm	WP93841
calibration std. hexchrome 0 ppm	WP93843
hexavalent chromium color reagent	WP93821
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP93842
Hexavalent Chromium ICV-LCS Std	WP93844
Calibration and CCV std HexChrome 0.5PPM	WP93838
Calibration std HexChrome 1.0PPM	WP93837

Intercept: -0.0006

Slope: 0.7824

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		11/09/2021	16:55
2	CAL2	0.01	1	100	100		2.14	0.000	0.007	0.007	0.009	10	11/09/2021	16:56
3	CAL3	0.025	1	100	100		2.35	0.000	0.018	0.018	0.023	8	11/09/2021	16:57
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	0.050	0	11/09/2021	16:58
5	CAL5	0.1	1	100	100		1.74	0.000	0.078	0.078	0.100	0	11/09/2021	16:59
6	CAL6	0.5	1	100	100		1.95	0.000	0.390	0.390	0.499	0.2	11/09/2021	17:00
7	CAL7	1	1	100	100		1.85	0.000	0.782	0.782	1.000	0	11/09/2021	17:01

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117278

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		2.08	0.000	0.390	0.390	0.499	11/09/2021	17:05
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.001	11/09/2021	17:06
3	CCV1	0.5	1	100	100		1.74	0.000	0.391	0.391	0.501	11/09/2021	17:07
4	CCB1		1	100	100		1.95	0.000	0.000	0.000	0.001	11/09/2021	17:07
5	RL Check	0.01	1	100	100		2.15	0.000	0.008	0.008	0.011	11/09/2021	17:08
6	LB117278BL		1	100	100		2.35	0.000	0.000	0.000	0.001	11/09/2021	17:09
7	LB117278BS	0.5	1	100	100		2.25	0.000	0.401	0.401	0.513	11/09/2021	17:10
8	M4600-01		1	100	100		1.80	0.002	0.002	0.000	0.001	11/09/2021	17:11
9	M4600-01DU		1	100	100		1.76	0.001	0.001	0.000	0.001	11/09/2021	17:12
10	M4600-01MS	1	2	100	100		1.95	0.002	0.400	0.398	0.509	11/09/2021	17:13
11	M4600-01MS	1	2	100	100		2.15	0.001	0.401	0.400	0.512	11/09/2021	17:14
12	CCV2	0.5	1	100	100		2.34	0.000	0.392	0.392	0.502	11/09/2021	17:15
13	CCB2		1	100	100		2.25	0.000	0.000	0.000	0.001	11/09/2021	17:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex11921 WorkList ID : 154161 Department : Wet-Chemistry Date : 11-09-2021 16:41:19

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/12/2021	Water	M4600-01	Hexavalent Chromium	Ammonium sul	PSEG03	L11	FM786-N34145	11/09/2021	SM3500-Cr B

Date/Time 11/09/21 16:45
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: JH (wc)

Date/Time 11/09/21 17:20
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: KS (wc)