

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116214

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP92884
Calibration Std. hexchrome 0.05 ppm	WP92885
calibration std. hexchrome 0.01 ppm	WP92886
calibration std. hexchrome 0 ppm	WP92888
hexavalent chromium color reagent	WP92818
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP92887
Hexavalent Chromium ICV-LCS Std	WP92889
Calibration and CCV std HexChrome 0.5PPM	WP92883
Calibration std HexChrome 1.0PPM	WP92882

Intercept: -0.0011

Slope: 0.7813

Regression: 0.999995

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		2.25	0.000	0.000	0.000	0.001		09/09/2021	11:15
2	CAL2	0.01	1	100	100		2.10	0.000	0.006	0.006	0.009	10	09/09/2021	11:16
3	CAL3	0.025	1	100	100		2.35	0.000	0.017	0.017	0.023	8	09/09/2021	11:17
4	CAL4	0.05	1	100	100		1.92	0.000	0.038	0.038	0.050	0	09/09/2021	11:18
5	CAL5	0.1	1	100	100		1.76	0.000	0.078	0.078	0.101	-1	09/09/2021	11:19
6	CAL6	0.5	1	100	100		1.82	0.000	0.390	0.390	0.500	0	09/09/2021	11:20
7	CAL7	1	1	100	100		2.09	0.000	0.780	0.780	0.999	0.1	09/09/2021	11:22



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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		2.34	0.000	0.389	0.389	0.499	09/09/2021	11:25
2	ICB		1	100	100		2.16	0.000	0.000	0.000	0.001	09/09/2021	11:26
3	CCV1	0.5	1	100	100		2.28	0.000	0.390	0.390	0.501	09/09/2021	11:28
4	CCB1		1	100	100		1.96	0.000	0.000	0.000	0.001	09/09/2021	11:30
5	RL Check	0.01	1	100	100		1.74	0.000	0.008	0.008	0.012	09/09/2021	11:31
6	LB116214BL		1	100	100		1.82	0.000	0.000	0.000	0.001	09/09/2021	11:32
7	LB116214BS	0.5	1	100	100		2.09	0.000	0.405	0.405	0.520	09/09/2021	11:33
8	M3681-04		1	100	100		1.88	0.002	0.002	0.000	0.001	09/09/2021	11:35
9	M3681-04DU		1	100	100		2.30	0.003	0.003	0.000	0.001	09/09/2021	11:36
10	M3681-04MS	1	2	100	100		1.71	0.002	0.402	0.400	0.513	09/09/2021	11:37
11	M3681-04MS	1	2	100	100		1.82	0.003	0.403	0.400	0.513	09/09/2021	11:38
12	CCV2	0.5	1	100	100		2.19	0.000	0.389	0.389	0.499	09/09/2021	11:40
13	CCB2		1	100	100		2.34	0.000	0.000	0.000	0.001	09/09/2021	11:40

WORKLIST(Hardcopy Internal Chain)

LB116214

WorkList Name : hex9921-1 WorkList ID : 152101 Department : Wet-Chemistry Date : 09-09-2021 08:59:28

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/13/2021	Water	M3681-04	Hexavalent Chromium	Ammonium sul	PSEG03	H33	WATER-PIT	09/08/2021	SM3500-Cr B

Date/Time 09/09/21 09:05
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: JBS (PL)

Date/Time 09/09/21 11:45
 Raw Sample Received by: M (PL)
 Raw Sample Relinquished by: KS (WC)