

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118335

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP94935
Calibration Std. hexchrome 0.05 ppm	WP94936
calibration std. hexchrome 0.01 ppm	WP94937
calibration std. hexchrome 0 ppm	WP94940
hexavalent chromium color reagent	WP94876
0.2N SULFURIC ACID	WP94567
Calibration Std Hexachrome 0.025 ppm	WP94938
Hexavalent Chromium ICV-LCS Std	WP94939
Calibration and CCV std HexChrome 0.5PPM	WP94934
Calibration std HexChrome 1.0PPM	WP94933

Intercept: -0.0003

Slope: 0.7828

Regression: 0.999996

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		01/21/2022	17:20
2	CAL2	0.01	1	100	100		2.16	0.000	0.007	0.007	0.009	10	01/21/2022	17:21
3	CAL3	0.025	1	100	100		2.30	0.000	0.018	0.018	0.023	8	01/21/2022	17:22
4	CAL4	0.05	1	100	100		2.28	0.000	0.039	0.039	0.050	0	01/21/2022	17:23
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.101	-1	01/21/2022	17:24
6	CAL6	0.5	1	100	100		1.74	0.000	0.392	0.392	0.501	-0.2	01/21/2022	17:25
7	CAL7	1	1	100	100		1.95	0.000	0.782	0.782	0.999	0.1	01/21/2022	17:26



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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		2.30	0.000	0.390	0.390	0.499	01/21/2022	17:27
2	ICB		1	100	100		2.15	0.000	0.000	0.000	0.000	01/21/2022	17:28
3	CCV1	0.5	1	100	100		2.20	0.000	0.391	0.391	0.500	01/21/2022	17:29
4	CCB1		1	100	100		2.34	0.000	0.000	0.000	0.000	01/21/2022	17:30
5	RL Check	0.01	1	100	100		1.88	0.000	0.008	0.008	0.011	01/21/2022	17:31
6	LB118335BL		1	100	100		1.74	0.000	0.000	0.000	0.000	01/21/2022	17:32
7	LB118335BS	0.5	1	100	100		1.95	0.000	0.392	0.392	0.501	01/21/2022	17:33
8	N1228-03		1	100	100		1.82	0.001	0.001	0.000	0.000	01/21/2022	17:34
9	N1228-03DU		1	100	100		2.08	0.000	0.000	0.000	0.000	01/21/2022	17:35
10	N1228-03MS	1	2	100	100		2.30	0.001	0.389	0.388	0.496	01/21/2022	17:36
11	N1228-03MS	1	2	100	100		2.41	0.000	0.390	0.390	0.499	01/21/2022	17:37
12	CCV2	0.5	1	100	100		2.25	0.000	0.392	0.392	0.501	01/21/2022	17:38
13	CCB2		1	100	100		1.88	0.000	0.000	0.000	0.000	01/21/2022	17:38

WORKLIST(Hardcopy Internal Chain)

LB118335

WorkList Name : HEX12122-1 WorkList ID : 156227 Department : Wet-Chemistry Date : 01-21-2022 17:05:13

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/26/2022	Water	N1228-03	Hexavalent Chromium	Ammonium sul	PSEG03	D12	1245-N43502	01/21/2022	SM3500-Cr B

Date/Time 01/21/22 17:10
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: JAC

Date/Time 01/21/22 17:40
 Raw Sample Received by: JAC
 Raw Sample Relinquished by: KS(wc)