

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116306

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP92953
Calibration Std. hexchrome 0.05 ppm	WP92954
calibration std. hexchrome 0.01 ppm	WP92955
calibration std. hexchrome 0 ppm	WP92958
hexavalent chromium color reagent	WP92943
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP92956
Hexavalent Chromium ICV-LCS Std	WP92957
Calibration and CCV std HexChrome 0.5PPM	WP92952
Calibration std HexChrome 1.0PPM	WP92951

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		2.08	0.000	0.000	0.000	0.001		09/14/2021	16:40
2	CAL2	0.01	1	100	100		1.95	0.000	0.006	0.006	0.009	10	09/14/2021	16:41
3	CAL3	0.025	1	100	100		1.74	0.000	0.017	0.017	0.023	8	09/14/2021	16:42
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.050	0	09/14/2021	16:43
5	CAL5	0.1	1	100	100		2.10	0.000	0.078	0.078	0.101	-1	09/14/2021	16:44
6	CAL6	0.5	1	100	100		2.35	0.000	0.390	0.390	0.500	0	09/14/2021	16:45
7	CAL7	1	1	100	100		2.28	0.000	0.780	0.780	0.999	0.1	09/14/2021	16:46



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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		2.15	0.000	0.390	0.390	0.501	09/14/2021	16:48
2	ICB		1	100	100		2.36	0.000	0.000	0.000	0.001	09/14/2021	16:49
3	CCV1	0.5	1	100	100		2.25	0.000	0.389	0.389	0.499	09/14/2021	16:50
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.001	09/14/2021	16:51
5	RL Check	0.01	1	100	100		1.78	0.000	0.008	0.008	0.012	09/14/2021	16:52
6	LB116306BL		1	100	100		1.95	0.000	0.000	0.000	0.001	09/14/2021	16:53
7	LB116306BS	0.5	1	100	100		2.09	0.000	0.397	0.397	0.510	09/14/2021	16:54
8	M3705-02		1	100	100		2.15	0.000	0.589	0.589	0.755	09/14/2021	16:55
9	M3728-01		1	100	100		2.34	0.002	0.002	0.000	0.001	09/14/2021	16:56
10	M3728-01DU		1	100	100		2.14	0.001	0.001	0.000	0.001	09/14/2021	16:57
11	M3728-01MS	1	2	100	100		2.28	0.001	0.352	0.351	0.451	09/14/2021	16:58
12	M3728-01MS	1	2	100	100		2.16	0.002	0.354	0.352	0.452	09/14/2021	16:59
13	CCV2	0.5	1	100	100		2.34	0.000	0.390	0.390	0.501	09/14/2021	17:00
14	CCB2		1	100	100		2.28	0.000	0.000	0.000	0.001	09/14/2021	17:01

WORKLIST(Hardcopy Internal Chain)

LB116306

WorkList Name : HEX91421 WorkList ID : 152251 Department : Wet-Chemistry Date : 09-14-2021 16:16:27

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/17/2021	Water	M3728-01	Hexavalent Chromium	Ammonium sul	PSEG03	H51	N42049	09/14/2021	SM3500-Cr B

Date/Time 09/14/21 16:20
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: JP(wc)

Date/Time 09/14/21 17:05
 Raw Sample Received by: JP(wc)
 Raw Sample Relinquished by: KS(wc)