



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Jignesh

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB122204

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP99127
Calibration Std. hexchrome 0.05 ppm	WP99128
calibration std. hexchrome 0.01 ppm	WP99129
calibration std. hexchrome 0 ppm	WP99131
hexavalent chromium color reagent	WP99040
0.2N SULFURIC ACID	WP97942
Calibration Std Hexachrome 0.025 ppm	WP99130
Hexavalent Chromium ICV-LCS Std	WP99132
Calibration and CCV std HexChrome 0.5PPM	WP99126
Calibration std HexChrome 1.0PPM	WP99125

Intercept: -0.0005

Slope: 0.7806

Regression: 0.999994

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		2.04	0.000	0.000	0.000	0.000		09/27/2022	10:15
2	CAL2	0.01	1	100	100		1.98	0.000	0.008	0.008	0.010	0	09/27/2022	10:16
3	CAL3	0.025	1	100	100		1.94	0.000	0.018	0.018	0.023	8	09/27/2022	10:17
4	CAL4	0.05	1	100	100		2.02	0.000	0.037	0.037	0.048	4	09/27/2022	10:18
5	CAL5	0.1	1	100	100		1.86	0.000	0.079	0.079	0.101	-1	09/27/2022	10:19
6	CAL6	0.5	1	100	100		2.05	0.000	0.390	0.390	0.500	0	09/27/2022	10:20
7	CAL7	1	1	100	100		2.04	0.000	0.780	0.780	0.999	0.1	09/27/2022	10:21



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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		1.86	0.000	0.378	0.378	0.485	09/27/2022	10:22
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.001	09/27/2022	10:23
3	CCV1	0.5	1	100	100		1.92	0.000	0.380	0.380	0.487	09/27/2022	10:24
4	CCB1		1	100	100		1.95	0.000	0.000	0.000	0.001	09/27/2022	10:25
5	RL Check	0.01	1	100	100		2.06	0.000	0.008	0.008	0.011	09/27/2022	10:26
6	LB122204BL		1	100	100		2.08	0.000	0.000	0.000	0.001	09/27/2022	10:27
7	LB122204BS	0.5	1	100	100		1.96	0.000	0.400	0.400	0.513	09/27/2022	10:28
8	N4763-01		1	100	100		1.92	0.007	0.007	0.000	0.001	09/27/2022	10:29
9	N4763-01DU		1	100	100		1.92	0.007	0.007	0.000	0.001	09/27/2022	10:30
10	N4763-01MS	1	2	100	100		1.96	0.007	0.402	0.395	0.507	09/27/2022	10:31
11	N4763-01MS	1	2	100	100		2.06	0.007	0.403	0.396	0.508	09/27/2022	10:32
12	N4788-02		1	100	100		1.94	0.000	0.456	0.456	0.585	09/27/2022	10:33
13	CCV2	0.5	1	100	100		1.98	0.000	0.382	0.382	0.490	09/27/2022	10:34
14	CCB2		1	100	100		2.02	0.000	0.000	0.000	0.001	09/27/2022	10:35

LB122204

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex CR-SM-0927 WorkList ID : 163552 Department : Wet-Chemistry Date : 09-27-2022 09:36:47

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/22/2022	Water	N4763-01	L- Hexavalent Chromium	Ammonium sul	PSEG03	WC-GW		09/21/2022	SM3500-Cr B
10/04/2022	Water	N4788-02	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	PT-CR6-WP	09/19/2022	SM3500-Cr B

Date/Time 9/27/2022 9:45
Raw Sample Received by: ST(wc)
Raw Sample Relinquished by: CP(SM)/ST(QA-office)

Date/Time 9/27/2022 12:05
Raw Sample Received by: CP(SM)
Raw Sample Relinquished by: ST(wc)