



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Jignesh

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB122244

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP99190
Calibration Std. hexchrome 0.05 ppm	WP99191
calibration std. hexchrome 0.01 ppm	WP99193
calibration std. hexchrome 0 ppm	WP99194
hexavalent chromium color reagent	WP99040
0.2N SULFURIC ACID	WP97942
Calibration Std Hexachrome 0.025 ppm	WP99192
Hexavalent Chromium ICV-LCS Std	WP99195
Calibration and CCV std HexChrome 0.5PPM	WP99189
Calibration std HexChrome 1.0PPM	WP99188

Intercept: -0.0011

Slope: 0.7837

Regression: 0.999993

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		1.96	0.000	0.000	0.000	0.001		09/28/2022	15:01
2	CAL2	0.01	1	100	100		2.04	0.000	0.007	0.007	0.010	0	09/28/2022	15:02
3	CAL3	0.025	1	100	100		2.06	0.000	0.017	0.017	0.023	8	09/28/2022	15:03
4	CAL4	0.05	1	100	100		1.86	0.000	0.037	0.037	0.048	4	09/28/2022	15:04
5	CAL5	0.1	1	100	100		1.82	0.000	0.078	0.078	0.100	0	09/28/2022	15:05
6	CAL6	0.5	1	100	100		2.02	0.000	0.392	0.392	0.501	-0.2	09/28/2022	15:06
7	CAL7	1	1	100	100		2.00	0.000	0.782	0.782	0.999	0.1	09/28/2022	15:07



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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 HNO3	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.96	0.000	0.380	0.380	0.486	09/28/2022	15:28
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.001	09/28/2022	15:29
3	CCV1	0.5	1	100	100		2.04	0.000	0.378	0.378	0.484	09/28/2022	15:30
4	CCB1		1	100	100		1.99	0.000	0.000	0.000	0.001	09/28/2022	15:31
5	RL Check	0.01	1	100	100		1.98	0.000	0.007	0.007	0.010	09/28/2022	15:32
6	LB122244BL		1	100	100		2.03	0.000	0.000	0.000	0.001	09/28/2022	15:33
7	LB122244BS	0.5	1	100	100		1.96	0.000	0.408	0.408	0.522	09/28/2022	15:35
8	N4862-04		1	100	100		2.04	0.003	0.003	0.000	0.001	09/28/2022	15:36
9	N4862-04DU		1	100	100		2.06	0.004	0.004	0.000	0.001	09/28/2022	15:36
10	N4862-04MS	1	2	100	100		2.05	0.003	0.394	0.391	0.500	09/28/2022	15:37
11	N4862-04MS	1	2	100	100		2.04	0.004	0.396	0.392	0.502	09/28/2022	15:38
12	CCV2	0.5	1	100	100		1.86	0.000	0.382	0.382	0.489	09/28/2022	15:39
13	CCB2		1	100	100		1.88	0.000	0.000	0.000	0.001	09/28/2022	15:40

LB122244

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex chrome-0928

WorkList ID : 163605

Department : Wet-Chemistry

Date : 09-28-2022 13:48:45

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/03/2022	Water	N4862-04	Hexavalent Chromium	Ammonium sul	PSEG03	N11	A2720	09/28/2022	SM3500-Cr B

Date/Time

9/28/22 14:00

Raw Sample Received by:

SJ (ne)

Raw Sample Relinquished by:

CP (SM)

Date/Time

9/28/22 15:45

Raw Sample Received by:

CP (SM)

Raw Sample Relinquished by:

SJ (ne)