



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Jignesh

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121768

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP98688
Calibration Std. hexchrome 0.05 ppm	WP98689
calibration std. hexchrome 0.01 ppm	WP98691
calibration std. hexchrome 0 ppm	WP98692
hexavalent chromium color reagent	WP98694
0.2N SULFURIC ACID	WP97942
Calibration Std Hexachrome 0.025 ppm	WP98690
Hexavalent Chromium ICV-LCS Std	WP98693
Calibration and CCV std HexChrome 0.5PPM	WP98687
Calibration std HexChrome 1.0PPM	WP98686

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		1.98	0.000	0.000	0.000	0.001		08/26/2022	15:15
2	CAL2	0.01	1	100	100		2.05	0.000	0.006	0.006	0.009	10	08/26/2022	15:16
3	CAL3	0.025	1	100	100		1.86	0.000	0.017	0.017	0.023	8	08/26/2022	15:17
4	CAL4	0.05	1	100	100		1.96	0.000	0.038	0.038	0.050	0	08/26/2022	15:18
5	CAL5	0.1	1	100	100		2.10	0.000	0.078	0.078	0.101	-1	08/26/2022	15:19
6	CAL6	0.5	1	100	100		2.15	0.000	0.390	0.390	0.500	0	08/26/2022	15:20
7	CAL7	1	1	100	100		1.98	0.000	0.780	0.780	0.999	0.1	08/26/2022	15:21



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Jignesh

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121768

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		2.08	0.000	0.380	0.380	0.488	08/26/2022	15:22
2	ICB		1	100	100		1.90	0.000	0.000	0.000	0.001	08/26/2022	15:23
3	CCV1	0.5	1	100	100		1.96	0.000	0.388	0.388	0.498	08/26/2022	15:24
4	CCB1		1	100	100		2.02	0.000	0.000	0.000	0.001	08/26/2022	15:25
5	RL Check	0.01	1	100	100		2.25	0.000	0.008	0.008	0.012	08/26/2022	15:26
6	LB121768BL		1	100	100		2.15	0.000	0.000	0.000	0.001	08/26/2022	15:27
7	LB121768BS	0.5	1	100	100		2.04	0.001	0.420	0.419	0.538	08/26/2022	15:28
8	N4393-01		1	100	100		1.85	0.000	0.000	0.000	0.001	08/26/2022	15:29
9	N4393-01DU		1	100	100		1.88	0.000	0.000	0.000	0.001	08/26/2022	15:30
10	N4393-01MS	1	2	100	100		1.86	0.000	0.385	0.385	0.494	08/26/2022	15:31
11	N4393-01MS	1	2	100	100		1.86	0.000	0.386	0.386	0.495	08/26/2022	15:32
12	N4395-01		1	100	100		1.88	0.000	0.000	0.000	0.001	08/26/2022	15:33
13	CCV2	0.5	1	100	100		1.82	0.000	0.384	0.384	0.493	08/26/2022	15:34
14	CCB2		1	100	100		1.96	0.000	0.000	0.000	0.001	08/26/2022	15:35

LB 121768

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex-Water-8-29-22 **WorkList ID :** 162723 **Department :** Wet-Chemistry **Date :** 08-26-2022 15:00:15

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/09/2022	Water	N4393-01	Hexavalent Chromium	Ammonium sul	AQUA04	M11	20220737-DI-WATER	08/26/2022	SM3500-Cr B
09/09/2022	Water	N4395-01	Hexavalent Chromium	Cool 4 deg C	AQUA04	M11	20220738-MANASQUAN-WATER	08/22/2022	SM3500-Cr B

Date/Time 8/26/2022 15:00
Raw Sample Received by: SJ (wetchem)
Raw Sample Relinquished by: CP (SM)

Date/Time 8/26/22 16:30
Raw Sample Received by: CP (SM)
Raw Sample Relinquished by: SJ (wetchem)