



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: jignesh

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121627

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP98561
Calibration Std. hexchrome 0.05 ppm	WP98563
calibration std. hexchrome 0.01 ppm	WP98564
calibration std. hexchrome 0 ppm	WP98565
hexavalent chromium color reagent	WP98509
0.2N SULFURIC ACID	WP97942
Calibration Std Hexachrome 0.025 ppm	WP98567
Hexavalent Chromium ICV-LCS Std	WP98568
Calibration and CCV std HexChrome 0.5PPM	WP98560
Calibration std HexChrome 1.0PPM	WP98559

Intercept: -0.0002

Slope: 0.7819

Regression: 0.999998

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		1.95	0.000	0.000	0.000	0.000		08/22/2022	12:10
2	CAL2	0.01	1	100	100		1.76	0.000	0.007	0.007	0.009	10	08/22/2022	12:11
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.024	4	08/22/2022	12:12
4	CAL4	0.05	1	100	100		1.96	0.000	0.039	0.039	0.050	0	08/22/2022	12:13
5	CAL5	0.1	1	100	100		2.02	0.000	0.079	0.079	0.101	-1	08/22/2022	12:14
6	CAL6	0.5	1	100	100		2.10	0.000	0.390	0.390	0.499	0.2	08/22/2022	12:15
7	CAL7	1	1	100	100		1.90	0.000	0.782	0.782	1.000	0	08/22/2022	12:16



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: jignesh

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121627

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		1.98	0.000	0.392	0.392	0.502	08/22/2022	12:17
2	ICB		1	100	100		1.96	0.000	0.000	0.000	0.000	08/22/2022	12:18
3	CCV1	0.5	1	100	100		2.02	0.000	0.390	0.390	0.499	08/22/2022	12:19
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	0.000	08/22/2022	12:20
5	RL Check	0.01	1	100	100		1.74	0.000	0.007	0.007	0.009	08/22/2022	12:21
6	LB121627BL		1	100	100		1.92	0.000	0.000	0.000	0.000	08/22/2022	12:22
7	LB121627BS	0.5	1	100	100		1.86	0.000	0.412	0.412	0.527	08/22/2022	12:23
8	N4277-02		1	100	100		2.05	0.237	0.237	0.000	0.000	08/22/2022	12:24
9	N4277-03		1	100	100		2.08	0.040	0.040	0.000	0.000	08/22/2022	12:25
10	N4277-03DU		1	100	100		2.08	0.040	0.041	0.001	0.002	08/22/2022	12:26
11	N4277-03MS	1	2	100	100		2.10	0.039	0.460	0.421	0.539	08/22/2022	12:27
12	N4277-03MS	1	2	100	100		2.10	0.038	0.456	0.418	0.535	08/22/2022	12:28
13	CCV2	0.5	1	100	100		1.92	0.000	0.392	0.392	0.502	08/22/2022	12:29
14	CCB2		1	100	100		1.94	0.000	0.000	0.000	0.000	08/22/2022	12:30

WORKLIST(Hardcopy Internal Chain)

LB 121 828

WorkList Name : Hex_water_0822

WorkList ID : 162492

Department : Wet-Chemistry

Date : 08-22-2022 11:25:17

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/02/2022	Water	N4277-02	Hexavalent Chromium	Ammonium sul	TECT01	K11	B-1	08/19/2022	SM3500-Cr B
09/02/2022	Water	N4277-03	Hexavalent Chromium	Ammonium sul	TECT01	K11	U-2	08/19/2022	SM3500-Cr B

Date/Time 8/22/2022 11:35
 Raw Sample Received by: SI (wetchem)
 Raw Sample Relinquished by: CP (SM)

Date/Time 8/22/2022 12:15
 Raw Sample Received by: CP (SM)
 Raw Sample Relinquished by: SI (wetchem)