



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: jignesh

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121734

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP98647
Calibration Std. hexchrome 0.05 ppm	WP98648
calibration std. hexchrome 0.01 ppm	WP98649
calibration std. hexchrome 0 ppm	WP98650
hexavalent chromium color reagent	WP98509
0.2N SULFURIC ACID	WP97942
Calibration Std Hexachrome 0.025 ppm	WP98652
Hexavalent Chromium ICV-LCS Std	WP98651
Calibration and CCV std HexChrome 0.5PPM	WP98646
Calibration std HexChrome 1.0PPM	WP98645

Intercept: -0.0005

Slope: 0.7815

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		1.98	0.000	0.000	0.000	0.000		08/25/2022	16:01
2	CAL2	0.01	1	100	100		2.00	0.000	0.007	0.007	0.009	10	08/25/2022	16:02
3	CAL3	0.025	1	100	100		1.96	0.000	0.018	0.018	0.023	8	08/25/2022	16:03
4	CAL4	0.05	1	100	100		1.98	0.000	0.039	0.039	0.050	0	08/25/2022	16:04
5	CAL5	0.1	1	100	100		2.02	0.000	0.078	0.078	0.100	0	08/25/2022	16:05
6	CAL6	0.5	1	100	100		1.88	0.000	0.390	0.390	0.499	0.2	08/25/2022	16:06
7	CAL7	1	1	100	100		1.96	0.000	0.781	0.781	1	0	08/25/2022	16:07



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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 HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.96	0.000	0.402	0.402	0.515	08/25/2022	16:08
2	ICB		1	100	100		2.02	0.000	0.000	0.000	0.001	08/25/2022	16:09
3	CCV1	0.5	1	100	100		1.98	0.000	0.396	0.396	0.507	08/25/2022	16:10
4	CCB1		1	100	100		1.99	0.000	0.000	0.000	0.001	08/25/2022	16:11
5	RL Check	0.01	1	100	100		1.85	0.000	0.006	0.006	0.008	08/25/2022	16:12
6	LB121734BL		1	100	100		1.89	0.000	0.001	0.001	0.002	08/25/2022	16:13
7	LB121734BS	0.5	1	100	100		2.02	0.002	0.402	0.400	0.512	08/25/2022	16:14
8	N4371-01		1	100	100		2.01	0.020	0.021	0.001	0.002	08/25/2022	16:15
9	N4371-01DU		1	100	100		2.02	0.020	0.020	0.000	0.001	08/25/2022	16:16
10	N4371-01MS	1	2	100	100		2.02	0.018	0.397	0.379	0.486	08/25/2022	16:17
11	N4371-01MS	1	2	100	100		2.02	0.017	0.396	0.379	0.486	08/25/2022	16:18
12	CCV2	0.5	1	100	100		1.98	0.000	0.398	0.398	0.510	08/25/2022	16:19
13	CCB2		1	100	100		1.96	0.001	0.001	0.000	0.001	08/25/2022	16:20

LB 121334

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX-Water-08252022

WorkList ID : 162652

Department : Wet-Chemistry

Date : 08-25-2022 15:26:46

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/30/2022	Water	N4371-01	Hexavalent Chromium	Ammonium sul	PSEG03	N11	A4127	08/25/2022	SM3500-Cr B

Date/Time 8/25/2022 15:30
Raw Sample Received by: SJ (wet chem)
Raw Sample Relinquished by: CP (SM)

Date/Time 8/25/2022 16:30
Raw Sample Received by: CP (SM)
Raw Sample Relinquished by: SJ (wet chem)