

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB119941

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP96534
Calibration Std. hexchrome 0.05 ppm	WP96535
calibration std. hexchrome 0.01 ppm	WP96536
calibration std. hexchrome 0 ppm	WP96537
hexavalent chromium color reagent	WP96539
0.2N SULFURIC ACID	WP94567
Calibration Std Hexachrome 0.025 ppm	WP96540
Hexavalent Chromium ICV-LCS Std	WP96538
Calibration and CCV std HexChrome 0.5PPM	WP96533
Calibration std HexChrome 1.0PPM	WP96532

Intercept: -0.0001

Slope: 0.781

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		2.10	0.000	0.000	0.000	0.000		05/02/2022	14:10
2	CAL2	0.01	1	100	100		1.89	0.000	0.007	0.007	0.009	10	05/02/2022	14:11
3	CAL3	0.025	1	100	100		1.97	0.000	0.018	0.018	0.023	8	05/02/2022	14:12
4	CAL4	0.05	1	100	100		2.08	0.000	0.039	0.039	0.050	0	05/02/2022	14:13
5	CAL5	0.1	1	100	100		2.30	0.000	0.079	0.079	0.101	-1	05/02/2022	14:15
6	CAL6	0.5	1	100	100		2.18	0.000	0.392	0.392	0.502	-0.4	05/02/2022	14:16
7	CAL7	1	1	100	100		2.40	0.000	0.780	0.780	0.998	0.2	05/02/2022	14:17



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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		2.16	0.000	0.390	0.390	0.499	05/02/2022	14:20
2	ICB		1	100	100		2.34	0.000	0.001	0.001	0.001	05/02/2022	14:21
3	CCV1	0.5	1	100	100		2.20	0.000	0.391	0.391	0.501	05/02/2022	14:25
4	CCB1		1	100	100		1.89	0.000	0.001	0.001	0.001	05/02/2022	14:26
5	RL Check	0.01	1	100	100		1.74	0.000	0.008	0.008	0.010	05/02/2022	14:30
6	LB119941BL		1	100	100		1.85	0.000	0.001	0.001	0.001	05/02/2022	14:31
7	LB119941BS	0.5	1	100	100		2.08	0.000	0.395	0.395	0.506	05/02/2022	14:32
8	N2624-01		1	100	100		1.79	0.001	0.001	0.000	0.000	05/02/2022	14:35
9	N2624-01DU		1	100	100		1.95	0.002	0.002	0.000	0.000	05/02/2022	14:36
10	N2624-01MS	1	2	100	100		1.82	0.002	0.398	0.396	0.507	05/02/2022	14:37
11	N2624-01MS	1	2	100	100		2.30	0.001	0.399	0.398	0.510	05/02/2022	14:38
12	CCV2	0.5	1	100	100		2.14	0.000	0.392	0.392	0.502	05/02/2022	14:39
13	CCB2		1	100	100		2.20	0.000	0.001	0.001	0.001	05/02/2022	14:40

LB119941

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX42922 WorkList ID : 159164 Department : Wet-Chemistry Date : 04-29-2022 17:50:54

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/04/2022	Water	N2624-01	Hexavalent Chromium	Ammonium sul	PSEG03	N47992		04/29/2022	SM3500-Cr B

Date/Time 05/02/22 13:40
Raw Sample Received by: KS (WC)
Raw Sample Relinquished by: PB (ML)

Date/Time 05/02/22 14:45
Raw Sample Received by: PB (ML)
Raw Sample Relinquished by: KS (WC)