

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130514

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP107687
Calibration Std. hexchrome 0.05 ppm	WP107686
calibration std. hexchrome 0.01 ppm	WP107684
calibration std. hexchrome 0 ppm	WP107683
hexavalent chromium color reagent	WP107664
5N sulfuric acid	WP105081
Calibration Std Hexachrome 0.025 ppm	WP107685
Hexavalent Chromium ICV-LCS Std	WP107690
Calibration and CCV std HexChrome 0.5PPM	WP107688
Calibration std HexChrome 1.0PPM	WP107689

Intercept: 0.0007

Slope: 0.7812

Regression: 0.999994

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		1.77	0.000	0.000	0.000	-0.00		04/26/2024	14:00
2	CAL2	0.01	1	100	100		1.84	0.000	0.009	0.009	0.010	0	04/26/2024	14:01
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.023	-8	04/26/2024	14:02
4	CAL4	0.05	1	100	100		1.86	0.000	0.040	0.040	0.050	0	04/26/2024	14:03
5	CAL5	0.1	1	100	100		1.87	0.000	0.079	0.079	0.100	0	04/26/2024	14:04
6	CAL6	0.5	1	100	100		1.90	0.000	0.393	0.393	0.502	0.4	04/26/2024	14:05
7	CAL7	1	1	100	100		1.88	0.000	0.781	0.781	0.998	-0.2	04/26/2024	14:06



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Run Number: LB130514

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		1.78	0.000	0.394	0.394	0.503	04/26/2024	14:07
2	ICB		1	100	100		1.76	0.000	0.000	0.000	-0.001	04/26/2024	14:08
3	CCV1	0.5	1	100	100		1.92	0.000	0.390	0.390	0.498	04/26/2024	14:09
4	CCB1		1	100	100		1.74	0.000	0.001	0.001	0.000	04/26/2024	14:10
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.011	04/26/2024	14:11
6	LB130514BL		1	100	100		1.76	0.000	0.000	0.000	-0.001	04/26/2024	14:12
7	LB130514BS	0.5	1	100	100		1.93	0.000	0.394	0.394	0.503	04/26/2024	14:13
8	P2283-05		1	100	100		2.10	0.004	0.004	0.000	-0.001	04/26/2024	14:14
9	P2283-05DU		1	100	100		2.14	0.004	0.004	0.000	-0.001	04/26/2024	14:15
10	P2283-05MS	1	2	100	100		2.08	0.004	0.379	0.375	0.479	04/26/2024	14:16
11	P2283-05MS	1	2	100	100		2.10	0.004	0.381	0.377	0.482	04/26/2024	14:17
12	CCV2	0.5	1	100	100		1.94	0.000	0.392	0.392	0.501	04/26/2024	14:18
13	CCB2		1	100	100		1.77	0.000	0.000	0.000	-0.001	04/26/2024	14:19

WORKLIST(Hardcopy Internal Chain)

6130514

WorkList Name : HEX-426

WorkList ID : 179789

Department : Wet-Chemistry

Date : 04-26-2024 11:58:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2283-05	CONTAIN-WATER	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	I31	04/26/2024	7196A

Date/Time 04/26/2024 13:00
Raw Sample Received by: RYA CWC
Raw Sample Relinquished by: RYA CWC

Date/Time 04/26/2024 13:45
Raw Sample Received by: RYA CWC
Raw Sample Relinquished by: RYA CWC