



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127461

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104359
Calibration Std. hexchrome 0.05 ppm	WP104358
calibration std. hexchrome 0.01 ppm	WP104356
calibration std. hexchrome 0 ppm	WP104355
hexavalent chromium color reagent	WP104363
5N sulfuric acid	WP102263
Calibration Std Hexachrome 0.025 ppm	WP104357
Hexavalent Chromium ICV-LCS Std	WP104362
Calibration and CCV std HexChrome 0.5PPM	WP104360
Calibration std HexChrome 1.0PPM	WP104361

Intercept: 0.0004

Slope: 0.7828

Regression: 0.999991

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		1.80	0.000	0.000	0.000	-0.00		09/25/2023	10:00
2	CAL2	0.01	1	100	100		1.87	0.000	0.009	0.009	0.010	0	09/25/2023	10:01
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.023	-8	09/25/2023	10:02
4	CAL4	0.05	1	100	100		1.86	0.000	0.038	0.038	0.048	-4	09/25/2023	10:03
5	CAL5	0.1	1	100	100		1.88	0.000	0.081	0.081	0.102	2	09/25/2023	10:04
6	CAL6	0.5	1	100	100		1.91	0.000	0.392	0.392	0.500	0	09/25/2023	10:05
7	CAL7	1	1	100	100		1.87	0.000	0.783	0.783	0.999	-0.1	09/25/2023	10:06



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127461

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		1.92	0.000	0.393	0.393	0.502	09/25/2023	10:07
2	ICB		1	100	100		1.78	0.000	0.001	0.001	0.001	09/25/2023	10:08
3	CCV1	0.5	1	100	100		1.93	0.000	0.390	0.390	0.498	09/25/2023	10:09
4	CCB1		1	100	100		1.76	0.000	0.001	0.001	0.001	09/25/2023	10:10
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.011	09/25/2023	10:11
6	LB127461BL		1	100	100		1.79	0.000	0.001	0.001	0.001	09/25/2023	10:12
7	LB127461BS	0.5	1	100	100		1.92	0.000	0.402	0.402	0.513	09/25/2023	10:13
8	O4590-01		1	100	100		2.08	0.020	0.022	0.002	0.002	09/25/2023	10:14
9	O4590-01DU		1	100	100		2.06	0.020	0.022	0.002	0.002	09/25/2023	10:15
10	O4590-01MS	1	2	100	100		2.10	0.020	0.389	0.369	0.471	09/25/2023	10:16
11	O4590-01MS	1	2	100	100		2.08	0.022	0.392	0.370	0.472	09/25/2023	10:17
12	CCV2	0.5	1	100	100		1.94	0.000	0.391	0.391	0.499	09/25/2023	10:18
13	CCB2		1	100	100		1.80	0.000	0.001	0.001	0.001	09/25/2023	10:19

WORKLIST(Hardcopy Internal Chain)

6127461

WorkList Name : HEX 9-23*

WorkList ID : 173931

Department : Wet-Chemistry

Date : 09-22-2023 15:08:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4590-01	SAMPLE-1	Water	Hexavalent Chromium	Ammonium sulfate buffer	SOUN03	E11	09/22/2023	7196A

Date/Time 09/22/2023 14:50
 Raw Sample Received by: RMJ
 Raw Sample Relinquished by: JHedell

Date/Time 09/25/2023 10:00
 Raw Sample Received by: JHedell
 Raw Sample Relinquished by: RMJ