

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127433

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104331
Calibration Std. hexchrome 0.05 ppm	WP104329
calibration std. hexchrome 0.01 ppm	WP104328
calibration std. hexchrome 0 ppm	WP104327
hexavalent chromium color reagent	WP104244
5N sulfuric acid	WP102263
Calibration Std Hexachrome 0.025 ppm	WP104330
Hexavalent Chromium ICV-LCS Std	WP104334
Calibration and CCV std HexChrome 0.5PPM	WP104332
Calibration std HexChrome 1.0PPM	WP104333

Intercept: -0.0001

Slope: 0.7826

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		1.79	0.000	0.000	0.000	0.000		09/22/2023	08:55
2	CAL2	0.01	1	100	100		1.87	0.0000	0.008	0.008	0.010	0	09/22/2023	08:56
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.023	-8	09/22/2023	08:57
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	09/22/2023	08:58
5	CAL5	0.1	1	100	100		1.86	0.000	0.080	0.080	0.102	2	09/22/2023	08:59
6	CAL6	0.5	1	100	100		1.91	0.000	0.392	0.392	0.501	0.2	09/22/2023	09:00
7	CAL7	1	1	100	100		1.86	0.000	0.782	0.782	0.999	-0.1	09/22/2023	09:01



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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	0.390	0.390	0.498	09/22/2023	09:02
2	ICB		1	100	100		1.79	0.000	0.001	0.001	0.001	09/22/2023	09:03
3	CCV1	0.5	1	100	100		1.94	0.000	0.392	0.392	0.501	09/22/2023	09:04
4	CCB1		1	100	100		1.80	0.000	0.001	0.001	0.001	09/22/2023	09:05
5	RL Check	0.01	1	100	100		1.91	0.000	0.008	0.008	0.010	09/22/2023	09:06
6	LB127433BL		1	100	100		1.79	0.000	0.001	0.001	0.001	09/22/2023	09:07
7	LB127433BS	0.5	1	100	100		1.92	0.000	0.401	0.401	0.513	09/22/2023	09:08
8	O4349-01		1	100	100		2.02	0.000	0.421	0.421	0.538	09/22/2023	09:09
9	O4566-11		1	100	100		2.08	0.000	0.001	0.001	0.001	09/22/2023	09:10
10	CCV2	0.5	1	100	100		1.93	0.000	0.390	0.390	0.498	09/22/2023	09:11
11	CCB2		1	100	100		1.78	0.000	0.001	0.001	0.001	09/22/2023	09:12

WORKLIST(Hardcopy Internal Chain)

66127433

WorkList Name : HEX W-9-21

WorkList ID : 173830

Department : Wet-Chemistry

Date : 09-21-2023 13:50:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4349-01	PT-CR6-WP	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	09/05/2023	7196A
O4566-11	FB-9-20	Water	Hexavalent Chromium	Ammonium sulfate buffer	FIRS02	N13	09/20/2023	7196A

Date/Time 09/21/2023 17:40
 Raw Sample Received by: RM CWS
 Raw Sample Relinquished by: RM CWS

Date/Time 09/22/2023 09:00
 Raw Sample Received by: RM CWS
 Raw Sample Relinquished by: RM CWS