



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129438

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP106476
Calibration Std. hexchrome 0.05 ppm	WP106475
calibration std. hexchrome 0.01 ppm	WP106473
calibration std. hexchrome 0 ppm	WP106472
hexavalent chromium color reagent	WP106418
5N sulfuric acid	WP105081
HEX LOD STD, 0.005PPM	WP106479
Hex LOQ Std, 0.01PPM	WP106480
Calibration Std Hexachrome 0.025 ppm	WP106474
Hexavalent Chromium ICV-LCS Std	WP106481
Calibration and CCV std HexChrome 0.5PPM	WP106477
Calibration std HexChrome 1.0PPM	WP106478

Intercept: 0.0002

Slope: 0.7807

Regression: 0.999987

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	-0.00		02/08/2024	09:30
2	CAL2	0.01	1	100	100		1.87	0.000	0.007	0.007	0.008	-20	02/08/2024	09:31
3	CAL3	0.025	1	100	100		1.89	0.000	0.019	0.019	0.024	-4	02/08/2024	09:32
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.048	-4	02/08/2024	09:33
5	CAL5	0.1	1	100	100		1.88	0.000	0.081	0.081	0.103	3	02/08/2024	09:34
6	CAL6	0.5	1	100	100		1.89	0.000	0.392	0.392	0.501	0.2	02/08/2024	09:35
7	CAL7	1	1	100	100		1.86	0.000	0.780	0.780	0.998	-0.2	02/08/2024	09:36



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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		1.91	0.000	0.391	0.391	0.501	02/08/2024	09:37
2	ICB		1	100	100		1.74	0.000	0.001	0.001	0.001	02/08/2024	09:38
3	CCV1	0.5	1	100	100		1.92	0.000	0.394	0.394	0.504	02/08/2024	09:39
4	CCB1		1	100	100		1.77	0.000	0.001	0.001	0.001	02/08/2024	09:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	02/08/2024	09:41
6	lb129438BL		1	100	100		1.75	0.000	0.001	0.001	0.001	02/08/2024	09:42
7	lb129438BS	0.5	1	100	100		1.92	0.000	0.392	0.392	0.502	02/08/2024	09:43
8	P1187-07		1	100	100		1.90	0.000	0.005	0.005	0.006	02/08/2024	09:44
9	P1187-08		1	100	100		1.91	0.000	0.009	0.009	0.011	02/08/2024	09:45
10	P1410-03		1	100	100		2.10	0.019	0.019	0.000	0.000	02/08/2024	09:46
11	P1410-05		1	100	100		2.04	0.002	0.002	0.000	0.000	02/08/2024	09:47
12	P1410-05DU		1	100	100		2.08	0.002	0.002	0.000	0.000	02/08/2024	09:48
13	P1410-05MS	1	2	100	100		2.04	0.002	0.390	0.388	0.497	02/08/2024	09:49
14	P1410-05MS	1	2	100	100		2.06	0.000	0.393	0.393	0.503	02/08/2024	09:50
15	CCV2	0.5	1	100	100		1.95	0.000	0.391	0.391	0.501	02/08/2024	09:51
16	CCB2		1	100	100		1.78	0.000	0.001	0.001	0.001	02/08/2024	09:52

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX W 0207 WorkList ID : 177712 Department : Wet-Chemistry Date : 02-07-2024 14:31:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1187-07	LOD-MDL-WATER-01-QT1-202	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	01/19/2024	7196A
P1187-08	LOQ-WATER-02-QT1-2024	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	01/19/2024	7196A
P1410-03	DSN001	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG04	D31	02/07/2024	7196A
P1410-05	DSN003	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG04	D31	02/07/2024	7196A

Date/Time 02/07/2024 15.30
Raw Sample Received by: RM CWC
Raw Sample Relinquished by: SP6001

Date/Time 02/07/2024 16.45
Raw Sample Received by: SP6001
Raw Sample Relinquished by: RM CWC