

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Sohil

Run Number: LB131838

pH Meter ID: ph Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP108953
Calibration Std. hexchrome 0.05 ppm	WP108952
calibration std. hexchrome 0.01 ppm	WP108950
calibration std. hexchrome 0 ppm	WP108949
hexavalent chromium color reagent	WP108907
5N sulfuric acid	WP107791
Calibration Std Hexachrome 0.025 ppm	WP108951
Hexavalent Chromium ICV-LCS Std	WP108957
Calibration and CCV std HexChrome 0.5PPM	WP108954
Calibration std HexChrome 1.0PPM	WP108955

Intercept: 0.0005

Slope: 0.7827

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		2.09	0.000	0.000	0.000	-0.00		08/01/2024	15:20
2	CAL2	0.01	1	100	100		2.41	0.000	0.008	0.008	0.009	-10	08/01/2024	15:21
3	CAL3	0.025	1	100	100		1.89	0.000	0.019	0.019	0.023	-8	08/01/2024	15:22
4	CAL4	0.05	1	100	100		1.63	0.000	0.040	0.040	0.050	0	08/01/2024	15:23
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.100	0	08/01/2024	15:24
6	CAL6	0.5	1	100	100		1.57	0.000	0.394	0.394	0.502	0.4	08/01/2024	15:25
7	CAL7	1	1	100	100		2.17	0.000	0.782	0.782	0.998	-0.2	08/01/2024	15:26

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pH Meter ID: 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		1.96	0.000	0.386	0.386	0.493	08/01/2024	15:27
2	ICB		1	100	100		2.06	0.000	0.001	0.001	0.001	08/01/2024	15:28
3	CCV1	0.5	1	100	100		2.25	0.000	0.381	0.381	0.486	08/01/2024	15:29
4	CCB1		1	100	100		1.80	0.000	0.001	0.001	0.001	08/01/2024	15:30
5	RL Check	0.01	1	100	100		1.96	0.000	0.009	0.009	0.011	08/01/2024	15:31
6	LB131838BL		1	100	100		1.91	0.000	0.001	0.001	0.001	08/01/2024	15:32
7	LB131838BS	0.5	1	100	100		2.07	0.000	0.385	0.385	0.491	08/01/2024	15:33
8	P3440-01		1	100	100		2.33	0.004	0.005	0.001	0.001	08/01/2024	15:34
9	P3440-01DU		1	100	100		1.74	0.004	0.004	0.000	-0.001	08/01/2024	15:35
10	P3440-02	1	2	100	100		2.06	0.004	0.369	0.365	0.466	08/01/2024	15:36
11	P3440-03	1	2	100	100		1.83	0.004	0.366	0.362	0.462	08/01/2024	15:37
12	P3440-04		1	100	100		2.07	0.004	0.004	0.000	-0.001	08/01/2024	15:38
13	CCV2	0.5	1	100	100		2.37	0.000	0.384	0.384	0.490	08/01/2024	15:39
14	CCB2		1	100	100		2.15	0.000	0.000	0.000	-0.001	08/01/2024	15:40

WORKLIST(Hardcopy Internal Chain)

LB/31838

WorkList Name : HEX-080124-3

WorkList ID : 182290

Department : Wet-Chemistry

Date : 08-01-2024 14:45:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3440-01	923-K1-WS-080124	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	D31	08/01/2024	7196A
P3440-02	P3440-01MS	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	D31	08/01/2024	7196A
P3440-03	P3440-01MSD	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	D31	08/01/2024	7196A
P3440-04	922-K1-WS-080124	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	D31	08/01/2024	7196A

Date/Time 08/01/24 14:50
Raw Sample Received by: 12 (SC)
Raw Sample Relinquished by: 78 (620)

Date/Time 08/01/24 15:55
Raw Sample Received by: 78 (620)
Raw Sample Relinquished by: 12 (SC)