

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Niha

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131824

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
Hex LOQ Std, 0.01PPM	WP108956
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: -0.0001

Slope: 0.7839

Regression: 0.99999

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		2.29	0.000	0.000	0.000	0.000		08/01/2024	10:30
2	CAL2	0.01	1	100	100		2.05	0.000	0.007	0.007	0.009	-10	08/01/2024	10:31
3	CAL3	0.025	1	100	100		2.18	0.000	0.019	0.019	0.024	-4	08/01/2024	10:32
4	CAL4	0.05	1	100	100		1.86	0.000	0.038	0.038	0.048	-4	08/01/2024	10:33
5	CAL5	0.1	1	100	100		2.06	0.000	0.081	0.081	0.103	3	08/01/2024	10:34
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.498	-0.4	08/01/2024	10:35
7	CAL7	1	1	100	100		1.76	0.000	0.784	0.784	1.000	0	08/01/2024	10:36



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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		1.96	0.000	0.392	0.392	0.500	08/01/2024	10:37
2	ICB		1	100	100		2.02	0.000	0.000	0.000	0.000	08/01/2024	10:38
3	CCV1	0.5	1	100	100		2.47	0.000	0.396	0.396	0.505	08/01/2024	10:39
4	CCB1		1	100	100		2.35	0.000	0.000	0.000	0.000	08/01/2024	10:40
5	RL Check	0.01	1	100	100		1.79	0.000	0.007	0.007	0.009	08/01/2024	10:41
6	LB131824BL		1	100	100		1.84	0.000	0.001	0.001	0.001	08/01/2024	10:42
7	LB131824BS	0.5	1	100	100		2.11	0.000	0.394	0.394	0.503	08/01/2024	10:43
8	P3390-09		1	100	100		2.27	0.000	0.003	0.003	0.004	08/01/2024	10:44
9	P3429-01		1	100	100		1.85	0.005	0.005	0.000	0.000	08/01/2024	10:45
10	P3429-01DU		1	100	100		1.73	0.005	0.006	0.001	0.001	08/01/2024	10:46
11	P3429-01MS	1	2	100	100		2.08	0.005	0.415	0.410	0.523	08/01/2024	10:46
12	P3429-01MS	1	2	100	100		2.02	0.004	0.414	0.410	0.523	08/01/2024	10:47
13	P3429-02		1	100	100		1.93	0.011	0.013	0.002	0.003	08/01/2024	10:48
14	P3429-03		1	100	100		1.89	0.005	0.007	0.002	0.003	08/01/2024	10:49
15	CCV2	0.5	1	100	100		2.08	0.000	0.397	0.397	0.507	08/01/2024	10:50
16	CCB2		1	100	100		2.41	0.000	0.001	0.001	0.001	08/01/2024	10:51

WORKLIST(Hardcopy Internal Chain)

L B131824

WorkList Name : HEX-080124-2 WorkList ID : 182270 Department : Wet-Chemistry Date : 08-01-2024 09:42:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3390-09	MDL-WATER-03-QT3-2024	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA 01	07/29/2024	7196A
P3429-01	926-K1-WS-073124	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	D31	07/31/2024	7196A
P3429-02	931-K1-WS-073124	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	D31	07/31/2024	7196A
P3429-03	925-K1-WS-073124	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	D31	07/31/2024	7196A

Date/Time 08/01/24 09:55
Raw Sample Received by: NF(wc)
Raw Sample Relinquished by: Jd Cdc

Date/Time 08/01/24 11:00
Raw Sample Received by: Jmull
Raw Sample Relinquished by: NF(wc)