



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125647

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102646
Calibration Std. hexchrome 0.05 ppm	WP102645
calibration std. hexchrome 0.01 ppm	WP102643
calibration std. hexchrome 0 ppm	WP102642
hexavalent chromium color reagent	WP102650
5N sulfuric acid	WP102263
Calibration Std Hexachrome 0.025 ppm	WP102644
Hexavalent Chromium ICV-LCS Std	WP102649
Calibration and CCV std HexChrome 0.5PPM	WP102647
Calibration std HexChrome 1.0PPM	WP102648

Intercept: -0.0006

Slope: 0.7812

Regression: 0.999994

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		1.81	0.000	0.000	0.000	0.000		05/25/2023	10:30
2	CAL2	0.01	1	100	100		1.90	0.000	0.006	0.006	0.008	-20	05/25/2023	10:31
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	0.023	-8	05/25/2023	10:32
4	CAL4	0.05	1	100	100		1.86	0.000	0.038	0.038	0.049	-2	05/25/2023	10:33
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.101	1	05/25/2023	10:34
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.501	0.2	05/25/2023	10:35
7	CAL7	1	1	100	100		1.88	0.000	0.780	0.780	0.999	-0.1	05/25/2023	10:36



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Run Number: LB125647

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	0.390	0.390	0.500	05/25/2023	10:37
2	ICB		1	100	100		1.78	0.000	0.001	0.001	0.002	05/25/2023	10:38
3	CCV1	0.5	1	100	100		1.92	0.000	0.392	0.392	0.503	05/25/2023	10:39
4	CCB1		1	100	100		1.80	0.000	0.001	0.001	0.002	05/25/2023	10:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	05/25/2023	10:41
6	lb125647BL		1	100	100		1.78	0.000	0.001	0.001	0.002	05/25/2023	10:42
7	lb125647BS	0.5	1	100	100		1.92	0.000	0.397	0.397	0.509	05/25/2023	10:43
8	O2945-09		1	100	100		2.00	0.038	0.039	0.001	0.002	05/25/2023	10:44
9	O2945-11		1	100	100		2.02	0.037	0.038	0.001	0.002	05/25/2023	10:45
10	O2945-11DU		1	100	100		2.04	0.036	0.037	0.001	0.002	05/25/2023	10:46
11	O2945-11MS	1	2	100	100		2.02	0.033	0.386	0.353	0.453	05/25/2023	10:47
12	O2945-11MS	1	2	100	100		2.04	0.035	0.389	0.354	0.454	05/25/2023	10:48
13	CCV2	0.5	1	100	100		1.92	0.000	0.393	0.393	0.504	05/25/2023	10:49
14	CCB2		1	100	100		1.80	0.000	0.001	0.001	0.002	05/25/2023	10:50

WORKLIST(Hardcopy Internal Chain)

6125647

WorkList Name : hex w 25 WorkList ID : 170327 Department : Wet-Chemistry Date : 05-25-2023 09:36:02

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O2945-09	TWP03	Water	Hexavalent Chromium	Ammonium sulfate buffer	loui01	D11	05/24/2023	7196A
O2945-11	TWP04	Water	Hexavalent Chromium	Ammonium sulfate buffer	loui01	D11	05/24/2023	7196A

Date/Time 05/25/2023 09:00
 Raw Sample Received by: RA CWC
 Raw Sample Relinquished by: 706081

Date/Time 05/25/2023 09:30
 Raw Sample Received by: 706081
 Raw Sample Relinquished by: RA CWC