

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127202

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104077
Calibration Std. hexchrome 0.05 ppm	WP104076
calibration std. hexchrome 0.01 ppm	WP104074
calibration std. hexchrome 0 ppm	WP104073
hexavalent chromium color reagent	WP104081
5N sulfuric acid	WP102263
Calibration Std Hexachrome 0.025 ppm	WP104075
Hexavalent Chromium ICV-LCS Std	WP104080
Calibration and CCV std HexChrome 0.5PPM	WP104078
Calibration std HexChrome 1.0PPM	WP104079

Intercept: -0.0001

Slope: 0.7826

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		1.79	0.000	0.000	0.000	0.000		09/08/2023	10:40
2	CAL2	0.01	1	100	100		1.78	0.000	0.007	0.007	0.009	-10	09/08/2023	10:41
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.024	-4	09/08/2023	10:42
4	CAL4	0.05	1	100	100		1.86	0.000	0.038	0.038	0.048	-4	09/08/2023	10:43
5	CAL5	0.1	1	100	100		1.88	0.000	0.080	0.080	0.102	2	09/08/2023	10:44
6	CAL6	0.5	1	100	100		1.90	0.000	0.392	0.392	0.501	0.2	09/08/2023	10:45
7	CAL7	1	1	100	100		1.87	0.000	0.782	0.782	0.999	-0.1	09/08/2023	10:46



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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		1.92	0.000	0.390	0.390	0.498	09/08/2023	10:47
2	ICB		1	100	100		1.78	0.000	0.001	0.001	0.001	09/08/2023	10:48
3	CCV1	0.5	1	100	100		1.93	0.000	0.393	0.393	0.502	09/08/2023	10:49
4	CCB1		1	100	100		1.79	0.000	0.001	0.001	0.001	09/08/2023	10:50
5	RL Check	0.01	1	100	100		1.91	0.000	0.008	0.008	0.010	09/08/2023	10:51
6	LB127202BL		1	100	100		1.80	0.000	0.001	0.001	0.001	09/08/2023	10:52
7	LB127202BS	0.5	1	100	100		1.92	0.000	0.404	0.404	0.516	09/08/2023	10:53
8	O4351-11		1	100	100		2.08	0.003	0.004	0.001	0.001	09/08/2023	10:54
9	O4351-11DU		1	100	100		2.06	0.003	0.004	0.001	0.001	09/08/2023	10:55
10	O4351-11MS	1	2	100	100		2.08	0.004	0.389	0.385	0.492	09/08/2023	10:56
11	O4351-11MS	1	2	100	100		2.10	0.004	0.379	0.375	0.479	09/08/2023	10:57
12	CCV2	0.5	1	100	100		1.94	0.000	0.390	0.390	0.498	09/08/2023	10:58
13	CCB2		1	100	100		1.80	0.000	0.001	0.001	0.001	09/08/2023	10:59

WORKLIST(Hardcopy Internal Chain)

66127202

WorkList Name : hex w9-7 WorkList ID : 173419 Department : Wet-Chemistry Date : 09-07-2023 12:53:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4351-11	FB	Water	Hexavalent Chromium	Ammonium sulfate buffer	FIRS02	N11	09/07/2023	7196A

Date/Time 09/07/2023 19.00
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: 70 CWC

Date/Time 09/07/2023 19.15
 Raw Sample Received by: 70 CWC
 Raw Sample Relinquished by: RM CWC