



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125292

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102306
Calibration Std. hexchrome 0.05 ppm	WP102305
calibration std. hexchrome 0.01 ppm	WP102303
calibration std. hexchrome 0 ppm	WP102302
hexavalent chromium color reagent	WP102264
5N sulfuric acid	WP102263
HEX LOD STD, 0.005PPM	WP102310
Calibration Std Hexachrome 0.025 ppm	WP102304
Hexavalent Chromium ICV-LCS Std	WP102309
Calibration and CCV std HexChrome 0.5PPM	WP102307
Calibration std HexChrome 1.0PPM	WP102308

Intercept: -0.0001

Slope: 0.7814

Regression: 0.999995

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		1.80	0.000	0.000	0.000	0.000		05/04/2023	16:15
2	CAL2	0.01	1	100	100		1.84	0.000	0.007	0.007	0.009	-10	05/04/2023	16:16
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.024	-4	05/04/2023	16:17
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.048	-4	05/04/2023	16:18
5	CAL5	0.1	1	100	100		1.86	0.000	0.080	0.080	0.102	2	05/04/2023	16:19
6	CAL6	0.5	1	100	100		1.88	0.000	0.391	0.391	0.500	0	05/04/2023	16:20
7	CAL7	1	1	100	100		1.86	0.000	0.781	0.781	0.999	-0.1	05/04/2023	16:21



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Run Number: LB125292

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		1.88	0.000	0.392	0.392	0.502	05/04/2023	16:22
2	ICB		1	100	100		1.75	0.000	0.000	0.000	0.000	05/04/2023	16:23
3	CCV1	0.5	1	100	100		1.86	0.000	0.392	0.392	0.502	05/04/2023	16:24
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	05/04/2023	16:25
5	RL Check	0.01	1	100	100		1.86	0.000	0.009	0.009	0.012	05/04/2023	16:26
6	LB125292BL		1	100	100		1.76	0.000	0.000	0.000	0.000	05/04/2023	16:27
7	LB125292BS	0.5	1	100	100		1.80	0.000	0.391	0.391	0.501	05/04/2023	16:28
8	O2213-09		1	100	100		2.08	0.000	0.005	0.005	0.007	05/04/2023	16:29
9	O2618-01		1	100	100		2.02	0.008	0.008	0.000	0.000	05/04/2023	16:30
10	O2618-01DU		1	100	100		2.04	0.008	0.008	0.000	0.000	05/04/2023	16:31
11	O2618-01MS	1	2	100	100		2.04	0.009	0.384	0.375	0.480	05/04/2023	16:32
12	O2618-01MS	1	2	100	100		2.02	0.009	0.392	0.383	0.490	05/04/2023	16:33
13	O2618-03		1	100	100		2.06	0.003	0.004	0.001	0.001	05/04/2023	16:34
14	O2618-05		1	100	100		2.08	0.000	0.000	0.000	0.000	05/04/2023	16:35
15	CCV2	0.5	1	100	100		1.88	0.000	0.392	0.392	0.502	05/04/2023	16:36
16	CCB2		1	100	100		1.75	0.000	0.000	0.000	0.000	05/04/2023	16:37

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex w-5-4

WorkList ID : 169654

Department : Wet-Chemistry

Date : 05-04-2023 12:03:46

6125292

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/24/2023	Water	O2213-09	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA O1	MDL-WATER-03-QT2-2023	04/05/2023	7196A
05/11/2023	Water	O2618-01	Hexavalent Chromium	Ammonium sul	PSEG04	O11	DSN001	05/04/2023	7196A
05/11/2023	Water	O2618-03	Hexavalent Chromium	Ammonium sul	PSEG04	O11	DSN002	05/04/2023	7196A
05/11/2023	Water	O2618-05	Hexavalent Chromium	Ammonium sul	PSEG04	O11	DSN003	05/04/2023	7196A

Date/Time 05/04/2023 15:30
 Raw Sample Received by: RMA Gwert
 Raw Sample Relinquished by: MCGT

Date/Time 05/04/2023 16:30
 Raw Sample Received by: MCGT
 Raw Sample Relinquished by: RMA Gwert