



Analytical Summary Report

Analysis Method: 7196A

ANALYST: jignesh

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: jignesh

Run Number: LB127021

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP103904
Calibration Std. hexchrome 0.05 ppm	WP103903
calibration std. hexchrome 0.01 ppm	WP103901
calibration std. hexchrome 0 ppm	WP103900
hexavalent chromium color reagent	WP103895
5N sulfuric acid	WP102263
Calibration Std Hexachrome 0.025 ppm	WP103902
Hexavalent Chromium ICV-LCS Std	WP103907
Calibration and CCV std HexChrome 0.5PPM	WP103905
Calibration std HexChrome 1.0PPM	WP103906

Intercept: 0.0002

Slope: 0.7819

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	-0.00		08/25/2023	16:30
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	0.008	-20	08/25/2023	16:31
3	CAL3	0.025	1	100	100		1.87	0.000	0.019	0.019	0.024	-4	08/25/2023	16:32
4	CAL4	0.05	1	100	100		1.88	0.000	0.040	0.040	0.050	0	08/25/2023	16:33
5	CAL5	0.1	1	100	100		1.88	0.000	0.080	0.080	0.102	2	08/25/2023	16:34
6	CAL6	0.5	1	100	100		1.92	0.000	0.391	0.391	0.499	-0.2	08/25/2023	16:35
7	CAL7	1	1	100	100		1.87	0.000	0.782	0.782	0.999	-0.1	08/25/2023	16:36



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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		1.91	0.000	0.392	0.392	0.501	08/25/2023	16:37
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.000	08/25/2023	16:38
3	CCV1	0.5	1	100	100		1.93	0.000	0.391	0.391	0.500	08/25/2023	16:39
4	CCB1		1	100	100		1.80	0.000	0.000	0.000	0.000	08/25/2023	16:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	08/25/2023	16:41
6	LB127021BL		1	100	100		1.80	0.000	0.000	0.000	0.000	08/25/2023	16:42
7	LB127021BS	0.5	1	100	100		1.91	0.000	0.402	0.402	0.514	08/25/2023	16:43
8	O4171-01		1	100	100		2.04	0.020	0.022	0.002	0.002	08/25/2023	16:44
9	O4171-01DU		1	100	100		2.04	0.020	0.022	0.002	0.002	08/25/2023	16:45
10	O4171-01MS	1	2	100	100		2.06	0.020	0.376	0.356	0.455	08/25/2023	16:46
11	O4171-01MS	1	2	100	100		2.04	0.022	0.387	0.365	0.467	08/25/2023	16:47
12	CCV2	0.5	1	100	100		1.92	0.000	0.393	0.393	0.502	08/25/2023	16:48
13	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	08/25/2023	16:49

WORKLIST(Hardcopy Internal Chain)

66127021

WorkList Name : HEX W 8-23

WorkList ID : 173040

Department : Wet-Chemistry

Date : 08-25-2023 11:44:01

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4171-01	FMI-134	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	N11	08/25/2023	7196A

Date/Time 08/25/23 14.00
 Raw Sample Received by: Pha CWC
 Raw Sample Relinquished by: Pha CWC

Date/Time 08/25/23 15.00
 Raw Sample Received by: Pha CWC
 Raw Sample Relinquished by: Pha CWC