

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118950

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP95641
Calibration Std. hexchrome 0.05 ppm	WP95642
calibration std. hexchrome 0.01 ppm	WP95643
calibration std. hexchrome 0 ppm	WP95645
hexavalent chromium color reagent	WP95538
5N sulfuric acid	WP93692
Hexchrome Cleaning Solution	WP95568
Calibration Std Hexachrome 0.025 ppm	WP95644
Hexavalent Chromium ICV-LCS Std	WP95646
Calibration and CCV std HexChrome 0.5PPM	WP95640
Calibration std HexChrome 1.0PPM	WP95639

Intercept: 0.0002

Slope: 0.7851

Regression: 0.999996

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		2.15	0.000	0.000	0.000	-0.00		03/02/2022	15:05
2	CAL2	0.01	1	100	100		2.30	0.000	0.007	0.007	0.008	20	03/02/2022	15:06
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.023	8	03/02/2022	15:07
4	CAL4	0.05	1	100	100		1.79	0.000	0.040	0.040	0.050	0	03/02/2022	15:08
5	CAL5	0.1	1	100	100		1.95	0.000	0.080	0.080	0.101	-1	03/02/2022	15:09
6	CAL6	0.5	1	100	100		2.05	0.000	0.393	0.393	0.500	0	03/02/2022	15:10
7	CAL7	1	1	100	100		2.30	0.000	0.785	0.785	0.999	0.1	03/02/2022	15:11



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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		2.08	0.000	0.390	0.390	0.496	03/02/2022	15:15
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.000	03/02/2022	15:16
3	CCV1	0.5	1	100	100		1.95	0.000	0.392	0.392	0.499	03/02/2022	15:17
4	CCB1		1	100	100		2.30	0.000	0.000	0.000	0.000	03/02/2022	15:18
5	RL Check	0.01	1	100	100		2.15	0.000	0.008	0.008	0.010	03/02/2022	15:19
6	LB118950BL		1	100	100		2.18	0.000	0.000	0.000	0.000	03/02/2022	15:20
7	LB118950BS	0.5	1	100	100		2.20	0.000	0.395	0.395	0.503	03/02/2022	15:21
8	N1727-01		1	100	100		1.89	0.002	0.002	0.000	0.000	03/02/2022	15:22
9	N1727-01DU		1	100	100		1.74	0.001	0.001	0.000	0.000	03/02/2022	15:23
10	N1727-01MS	1	2	100	100		1.96	0.002	0.398	0.396	0.504	03/02/2022	15:24
11	N1727-01MS	1	2	100	100		2.05	0.001	0.399	0.398	0.507	03/02/2022	15:25
12	N1727-02		1	100	100		1.88	0.003	0.003	0.000	0.000	03/02/2022	15:26
13	CCV2	0.5	1	100	100		1.74	0.000	0.395	0.395	0.503	03/02/2022	15:27
14	CCB2		1	100	100		1.96	0.000	0.000	0.000	0.000	03/02/2022	15:28

WORKLIST(Hardcopy Internal Chain)

LB118950

WorkList Name : HEX3222 WorkList ID : 157324 Department : Wet-Chemistry Date : 03-02-2022 14:37:05

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/15/2022	Water	N1727-01	P Hexavalent Chromium	Ammonium sul	AQUA04	P11	20220215-096-21-03-ELUTRIATE	02/28/2022	7196A
03/15/2022	Water	N1727-02	P Hexavalent Chromium	Ammonium sul	AQUA04	P11	20220216-098-21-01-ELUTRIATE	02/28/2022	7196A

Date/Time 03/02/22 14:45
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 03/02/22 15:30
 Raw Sample Received by: TRC
 Raw Sample Relinquished by: KS (WC)