

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118594

pH Meter ID: wc ph meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP95202
Calibration Std. hexchrome 0.05 ppm	WP95203
calibration std. hexchrome 0.01 ppm	WP95204
calibration std. hexchrome 0 ppm	WP95206
hexavalent chromium color reagent	WP95133
5N sulfuric acid	WP93692
Hexchrome Cleaning Solution	WP92841
Calibration Std Hexachrome 0.025 ppm	WP95205
Hexavalent Chromium ICV-LCS Std	WP95207
Calibration and CCV std HexChrome 0.5PPM	WP95201
Calibration std HexChrome 1.0PPM	WP95200

Intercept: 0.0002

Slope: 0.7843

Regression: 0.999992

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		2.18	0.000	0.000	0.000	-0.00		02/09/2022	14:10
2	CAL2	0.01	1	100	100		1.89	0.000	0.007	0.007	0.008	20	02/09/2022	14:11
3	CAL3	0.025	1	100	100		2.30	0.000	0.019	0.019	0.023	8	02/09/2022	14:12
4	CAL4	0.05	1	100	100		2.15	0.000	0.039	0.039	0.049	2	02/09/2022	14:13
5	CAL5	0.1	1	100	100		2.25	0.000	0.081	0.081	0.103	-3	02/09/2022	14:14
6	CAL6	0.5	1	100	100		1.78	0.000	0.393	0.393	0.500	0	02/09/2022	14:15
7	CAL7	1	1	100	100		1.90	0.000	0.784	0.784	0.999	0.1	02/09/2022	14:16



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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		2.10	0.000	0.390	0.390	0.497	02/09/2022	14:18
2	ICB		1	100	100		1.88	0.000	0.001	0.001	0.001	02/09/2022	14:19
3	CCV1	0.5	1	100	100		1.74	0.000	0.392	0.392	0.500	02/09/2022	14:20
4	CCB1		1	100	100		1.95	0.000	0.001	0.001	0.001	02/09/2022	14:21
5	RL Check	0.01	1	100	100		2.36	0.000	0.008	0.008	0.010	02/09/2022	14:22
6	LB118594BL		1	100	100		2.14	0.000	0.001	0.001	0.001	02/09/2022	14:23
7	LB118594BS	0.5	1	100	100		2.26	0.000	0.391	0.391	0.498	02/09/2022	14:24
8	N1449-04		1	100	100		1.78	0.000	0.000	0.000	0.000	02/09/2022	14:25
9	CCV2	0.5	1	100	100		1.92	0.000	0.389	0.389	0.496	02/09/2022	14:26
10	CCB2		1	100	100		1.85	0.000	0.000	0.000	0.000	02/09/2022	14:27

WORKLIST(Hardcopy Internal Chain)

LB 118594

WorkList Name : hex2922 WorkList ID : 156689 Department : Wet-Chemistry Date : 02-09-2022 13:45:08

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/22/2022	Water	N1449-04	Hexavalent Chromium	Ammonium sul	AQUA04	M11	20220038-FIELD-BLANK	02/07/2022	7196A

Date/Time 02/09/22 13:50
Raw Sample Received by: KS (WC)
Raw Sample Relinquished by: (24)

Date/Time 02/09/22 14:30
Raw Sample Received by: 12/001
Raw Sample Relinquished by: KS (WC)