

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB119068

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP95743
Calibration Std. hexchrome 0.05 ppm	WP95744
calibration std. hexchrome 0.01 ppm	WP95745
calibration std. hexchrome 0 ppm	WP95746
hexavalent chromium color reagent	WP95727
5N sulfuric acid	WP93692
Calibration Std Hexachrome 0.025 ppm	WP95748
Hexavalent Chromium ICV-LCS Std	WP95747
Calibration and CCV std HexChrome 0.5PPM	WP95742
Calibration std HexChrome 1.0PPM	WP95741

Intercept: 0.0005

Slope: 0.7835

Regression: 0.999989

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		2.08	0.000	0.000	0.000	-0.00		03/09/2022	16:15
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	20	03/09/2022	16:16
3	CAL3	0.025	1	100	100		1.79	0.000	0.019	0.019	0.023	8	03/09/2022	16:17
4	CAL4	0.05	1	100	100		1.95	0.000	0.040	0.040	0.050	0	03/09/2022	16:18
5	CAL5	0.1	1	100	100		2.30	0.000	0.081	0.081	0.102	-2	03/09/2022	16:19
6	CAL6	0.5	1	100	100		2.25	0.000	0.394	0.394	0.502	-0.4	03/09/2022	16:20
7	CAL7	1	1	100	100		1.74	0.000	0.783	0.783	0.998	0.2	03/09/2022	16:21

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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		2.30	0.000	0.390	0.390	0.497	03/09/2022	16:25
2	ICB		1	100	100		1.79	0.000	0.000	0.000	-0.001	03/09/2022	16:26
3	CCV1	0.5	1	100	100		1.95	0.000	0.392	0.392	0.500	03/09/2022	16:27
4	CCB1		1	100	100		1.82	0.000	0.000	0.000	-0.001	03/09/2022	16:28
5	RL Check	0.01	1	100	100		2.08	0.000	0.008	0.008	0.010	03/09/2022	16:29
6	LB119068BL		1	100	100		2.15	0.000	0.001	0.001	0.001	03/09/2022	16:30
7	LB119068BS	0.5	1	100	100		2.34	0.000	0.399	0.399	0.509	03/09/2022	16:31
8	N1864-01		1	100	100		2.20	0.001	0.001	0.000	-0.001	03/09/2022	16:32
9	CCV2	0.5	1	100	100		2.15	0.000	0.391	0.391	0.498	03/09/2022	16:33
10	CCB2		1	100	100		1.86	0.000	0.000	0.000	-0.001	03/09/2022	16:34

WORKLIST(Hardcopy Internal Chain)

LB119068

WorkList Name : HEX3922 WorkList ID : 157564 Department : Wet-Chemistry Date : 03-09-2022 15:58:38

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/22/2022	Water	N1864-01	Hexavalent Chromium	Ammonium sul	ENTE01	N32	FIELD-BLANK	03/09/2022	7196A

Date/Time 03/09/22 16:00
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: KS (wc)

Date/Time 03/09/22 16:40
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: KS (wc)