

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118077

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP94637
Calibration Std. hexchrome 0.05 ppm	WP94638
calibration std. hexchrome 0.01 ppm	WP94639
calibration std. hexchrome 0 ppm	WP94640
hexavalent chromium color reagent	WP94584
5N sulfuric acid	WP93692
Hexchrome Cleaning Solution	WP92841
Calibration Std Hexachrome 0.025 ppm	WP94642
Hexavalent Chromium ICV-LCS Std	WP94641
Calibration and CCV std HexChrome 0.5PPM	WP94636
Calibration std HexChrome 1.0PPM	WP94635

Intercept: 0.0002

Slope: 0.7831

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		2.10	0.000	0.000	0.000	-0.00		01/05/2022	15:05
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	20	01/05/2022	15:06
3	CAL3	0.025	1	100	100		1.74	0.000	0.019	0.019	0.024	4	01/05/2022	15:07
4	CAL4	0.05	1	100	100		1.95	0.000	0.040	0.040	0.050	0	01/05/2022	15:08
5	CAL5	0.1	1	100	100		2.35	0.000	0.080	0.080	0.101	-1	01/05/2022	15:10
6	CAL6	0.5	1	100	100		2.14	0.000	0.392	0.392	0.500	0	01/05/2022	15:12
7	CAL7	1	1	100	100		2.28	0.000	0.783	0.783	0.999	0.1	01/05/2022	15:15



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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		2.08	0.000	0.390	0.390	0.498	01/05/2022	15:20
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.000	01/05/2022	15:21
3	CCV1	0.5	1	100	100		1.74	0.000	0.388	0.388	0.495	01/05/2022	15:25
4	CCB1		1	100	100		1.95	0.000	0.000	0.000	0.000	01/05/2022	15:26
5	RL Check	0.01	1	100	100		1.75	0.000	0.008	0.008	0.010	01/05/2022	15:27
6	LB118077BL		1	100	100		1.92	0.000	0.000	0.000	0.000	01/05/2022	15:28
7	LB118077BS	0.5	1	100	100		2.09	0.000	0.405	0.405	0.517	01/05/2022	15:30
8	N1018-09		1	100	100		1.88	0.000	0.000	0.000	0.000	01/05/2022	15:31
9	CCV2	0.5	1	100	100		1.70	0.000	0.393	0.393	0.502	01/05/2022	15:32
10	CCB2		1	100	100		1.92	0.000	0.000	0.000	0.000	01/05/2022	15:32

WORKLIST(Hardcopy Internal Chain)

LB 118077

WorkList Name : HEX1522-1 WorkList ID : 155733 Department : Wet-Chemistry Date : 01-05-2022 09:31:32

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/17/2022	Water	N1018-09	Hexavalent Chromium	Ammonium sul	WEST10	D11	FB-010422	01/04/2022	7196A

Date/Time 01/05/22 14:00
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 01/05/22 15:35
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)