

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118826

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP95473
Calibration Std. hexchrome 0.05 ppm	WP95474
calibration std. hexchrome 0.01 ppm	WP95475
calibration std. hexchrome 0 ppm	WP95477
hexavalent chromium color reagent	WP95352
5N sulfuric acid	WP93692
Hexchrome Cleaning Solution	WP92841
Calibration Std Hexachrome 0.025 ppm	WP95476
Hexavalent Chromium ICV-LCS Std	WP95478
Calibration and CCV std HexChrome 0.5PPM	WP95472
Calibration std HexChrome 1.0PPM	WP95471

Intercept: 0.0005

Slope: 0.7844

Regression: 0.99999

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		02/24/2022	13:40
2	CAL2	0.01	1	100	100		1.78	0.000	0.007	0.007	0.008	20	02/24/2022	13:41
3	CAL3	0.025	1	100	100		1.95	0.000	0.019	0.019	0.023	8	02/24/2022	13:42
4	CAL4	0.05	1	100	100		2.30	0.000	0.040	0.040	0.050	0	02/24/2022	13:43
5	CAL5	0.1	1	100	100		2.18	0.000	0.081	0.081	0.102	-2	02/24/2022	13:44
6	CAL6	0.5	1	100	100		2.28	0.000	0.394	0.394	0.501	-0.2	02/24/2022	13:45
7	CAL7	1	1	100	100		1.74	0.000	0.784	0.784	0.998	0.2	02/24/2022	13:46



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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		2.16	0.000	0.390	0.390	0.497	02/24/2022	13:50
2	ICB		1	100	100		2.34	0.000	0.001	0.001	0.001	02/24/2022	13:51
3	CCV1	0.5	1	100	100		2.25	0.000	0.391	0.391	0.498	02/24/2022	13:52
4	CCB1		1	100	100		1.78	0.000	0.002	0.002	0.002	02/24/2022	13:53
5	RL Check	0.01	1	100	100		1.96	0.000	0.008	0.008	0.010	02/24/2022	13:54
6	lb118826BL		1	100	100		2.05	0.000	0.001	0.001	0.001	02/24/2022	13:55
7	lb118826BS	0.5	1	100	100		1.93	0.000	0.394	0.394	0.502	02/24/2022	13:56
8	N1645-07		1	100	100		2.09	0.000	0.005	0.005	0.006	02/24/2022	13:57
9	N1645-08		1	100	100		2.30	0.000	0.007	0.007	0.008	02/24/2022	13:58
10	N1654-01		1	100	100		2.40	0.003	0.003	0.000	-0.001	02/24/2022	13:59
11	N1654-01DU		1	100	100		2.25	0.002	0.002	0.000	-0.001	02/24/2022	14:00
12	N1654-01MS	1	2	100	100		2.18	0.002	0.404	0.402	0.512	02/24/2022	14:01
13	N1654-01MS	1	2	100	100		2.34	0.003	0.402	0.399	0.508	02/24/2022	14:02
14	CCV2	0.5	1	100	100		2.17	0.000	0.393	0.393	0.500	02/24/2022	14:03
15	CCB2		1	100	100		1.98	0.000	0.001	0.001	0.001	02/24/2022	14:05

WORKLIST(Hardcopy Internal Chain)

LB 11 88 26

WorkList Name : HEX22422-1 WorkList ID : 157127 Department : Wet-Chemistry Date : 02-24-2022 13:00:04

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/14/2022	Water	N1645-07	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	LOD-MDL-WATER-01-QT1-2022	02/23/2022	7196A
03/14/2022	Water	N1645-08	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	LOQ-WATER-02-QT1-2022	02/23/2022	7196A
03/10/2022	Water	N1654-01	✓ Hexavalent Chromium	Ammonium sul	AQUA04	N33	20220091-BERKELEY-3-ELUTIRATE	02/23/2022	7196A

Date/Time 02/24/22 13:15
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 02/24/22 14:15
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)