

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117210

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP93771
Calibration Std. hexchrome 0.05 ppm	WP93772
calibration std. hexchrome 0.01 ppm	WP93773
calibration std. hexchrome 0 ppm	WP93776
hexavalent chromium color reagent	WP93697
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
HEX LOD STD, 0.005PPM	WP93777
Hexchrome Cleaning Solution	WP92841
Hex LOQ Std, 0.01PPM	WP93778
Calibration Std Hexachrome 0.025 ppm	WP93774
Hexavalent Chromium ICV-LCS Std	WP93775

Intercept: -0.0008

Slope: 0.7851

Regression: 0.999996

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	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	0.001		11/07/2021	09:45
2	CAL2	0.01	1	100	100		1.89	0.000	0.006	0.006	0.008	20	11/07/2021	09:46
3	CAL3	0.025	1	100	100		1.75	0.000	0.018	0.018	0.023	8	11/07/2021	09:47
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.049	2	11/07/2021	09:48
5	CAL5	0.1	1	100	100		2.10	0.000	0.079	0.079	0.101	-1	11/07/2021	09:49
6	CAL6	0.5	1	100	100		2.35	0.000	0.392	0.392	0.500	0	11/07/2021	09:50
7	CAL7	1	1	100	100		2.40	0.000	0.784	0.784	0.999	0.1	11/07/2021	09:51

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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		2.30	0.000	0.390	0.390	0.498	11/07/2021	09:55
2	ICB		1	100	100		2.25	0.000	0.000	0.000	0.001	11/07/2021	09:56
3	CCV1	0.5	1	100	100		2.14	0.000	0.392	0.392	0.500	11/07/2021	09:57
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.001	11/07/2021	09:58
5	RL Check	0.01	1	100	100		1.96	0.000	0.008	0.008	0.011	11/07/2021	09:59
6	LB117210BL		1	100	100		1.74	0.000	0.000	0.000	0.001	11/07/2021	10:00
7	LB117210BS	0.5	1	100	100		1.85	0.000	0.386	0.386	0.493	11/07/2021	10:02
8	M4068-07		1	100	100		1.88	0.000	0.005	0.005	0.007	11/07/2021	10:03
9	M4068-08		1	100	100		1.92	0.000	0.007	0.007	0.010	11/07/2021	10:05
10	M4568-01		1	100	100		1.74	0.003	0.003	0.000	0.001	11/07/2021	10:06
11	M4568-01DU		1	100	100		2.09	0.002	0.002	0.000	0.001	11/07/2021	10:07
12	M4568-01MS	1	2	100	100		2.15	0.002	0.398	0.396	0.505	11/07/2021	10:08
13	M4568-01MS	1	2	100	100		2.32	0.003	0.399	0.396	0.505	11/07/2021	10:09
14	CCV2	0.5	1	100	100		2.41	0.000	0.389	0.389	0.496	11/07/2021	10:10
15	CCB2		1	100	100		2.25	0.000	0.000	0.000	0.001	11/07/2021	10:12

WORKLIST(Hardcopy Internal Chain)

LB 117210

WorkList Name : hex11721 WorkList ID : 154054 Department : Wet-Chemistry Date : 11-07-2021 09:11:10

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/21/2021	Water	M4068-07	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOD-MDL-WATER-01-QT	10/01/2021	7196A
10/21/2021	Water	M4068-08	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOQ-WATER-02-QT4-20	10/01/2021	7196A
11/09/2021	Water	M4568-01	✓ Hexavalent Chromium	Ammonium sul	ENTA05	L11	WWTP-001	11/04/2021	7196A

Date/Time 11/07/21 09:15
 Raw Sample Received by: KS (wcc)
 Raw Sample Relinquished by: JP (celc)

Date/Time 11/07/21 10:15
 Raw Sample Received by: JP (celc)
 Raw Sample Relinquished by: KS (wcc)