

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114791

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP91471
Calibration Std. hexchrome 0.05 ppm	WP91466
calibration std. hexchrome 0.01 ppm	WP91467
calibration std. hexchrome 0 ppm	WP91468
hexavalent chromium color reagent	WP91407
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP91470
Hexavalent Chromium ICV-LCS Std	WP91469
Calibration and CCV std HexChrome 0.5PPM	WP91465
Calibration std HexChrome 1.0PPM	WP91464

Intercept: -0.0002

Slope: 0.782

Regression: 0.99999

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		2.09	0.000	0.000	0.000	0.000		06/04/2021	16:25
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.007	30	06/04/2021	16:26
3	CAL3	0.025	1	100	100		1.78	0.000	0.018	0.018	0.023	8	06/04/2021	16:28
4	CAL4	0.05	1	100	100		1.85	0.000	0.039	0.039	0.050	0	06/04/2021	16:29
5	CAL5	0.1	1	100	100		2.15	0.000	0.080	0.080	0.102	-2	06/04/2021	16:30
6	CAL6	0.5	1	100	100		2.34	0.000	0.392	0.392	0.501	-0.2	06/04/2021	16:32
7	CAL7	1	1	100	100		2.18	0.000	0.781	0.781	0.998	0.2	06/04/2021	16:33



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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	0.387	0.387	0.495	06/04/2021	16:34
2	ICB		1	100	100		2.34	0.000	0.000	0.000	0.000	06/04/2021	16:35
3	CCV1	0.5	1	100	100		2.28	0.000	0.391	0.391	0.500	06/04/2021	16:37
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.000	06/04/2021	16:37
5	RL Check	0.01	1	100	100		1.79	0.000	0.007	0.007	0.009	06/04/2021	16:38
6	lb114791BL		1	100	100		1.96	0.000	0.000	0.000	0.000	06/04/2021	16:39
7	lb114791BS	0.5	1	100	100		2.08	0.000	0.393	0.393	0.503	06/04/2021	16:40
8	M2615-01		1	100	100		2.10	0.002	0.002	0.000	0.000	06/04/2021	16:41
9	M2615-01DU		1	100	100		2.34	0.003	0.003	0.000	0.000	06/04/2021	16:42
10	M2615-01MS	1	2	100	100		2.25	0.002	0.401	0.399	0.510	06/04/2021	16:43
11	M2615-01MS	1	2	100	100		1.98	0.002	0.402	0.400	0.512	06/04/2021	16:44
12	CCV2	0.5	1	100	100		1.74	0.000	0.392	0.392	0.502	06/04/2021	16:45
13	CCB2		1	100	100		1.82	0.000	0.000	0.000	0.000	06/04/2021	16:45

WORKLIST(Hardcopy Internal Chain)

LB114791

WorkList Name : HEX6421 WorkList ID : 149489 Department : Wet-Chemistry Date : 06-04-2021 10:02:23

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/09/2021	Water	M2615-01	N	Hexavalent Chromium	Ammonium sul	PSEG03	G12	1245	06/04/2021 7196A

Date/Time 06/04/21 15:53
 Raw Sample Received by: KS (Wetchem)
 Raw Sample Relinquished by: Am (Wetchem)

Date/Time 06/04/21 16:50
 Raw Sample Received by: Am (Wetchem)
 Raw Sample Relinquished by: KS (Wetchem)