

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114825

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP91496
Calibration Std. hexchrome 0.05 ppm	WP91497
calibration std. hexchrome 0.01 ppm	WP91498
calibration std. hexchrome 0 ppm	WP91500
hexavalent chromium color reagent	WP91407
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP91499
Hexavalent Chromium ICV-LCS Std	WP91501
Calibration and CCV std HexChrome 0.5PPM	WP91495
Calibration std HexChrome 1.0PPM	WP91494

Intercept: -0.0006

Slope: 0.7824

Regression: 0.999993

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		2.18	0.000	0.000	0.000	0.000		06/07/2021	11:40
2	CAL2	0.01	1	100	100		2.35	0.000	0.006	0.006	0.008	20	06/07/2021	11:41
3	CAL3	0.025	1	100	100		2.28	0.000	0.018	0.018	0.023	8	06/07/2021	11:42
4	CAL4	0.05	1	100	100		1.75	0.000	0.038	0.038	0.049	2	06/07/2021	11:43
5	CAL5	0.1	1	100	100		1.96	0.000	0.079	0.079	0.101	-1	06/07/2021	11:44
6	CAL6	0.5	1	100	100		1.85	0.000	0.392	0.392	0.501	-0.2	06/07/2021	11:45
7	CAL7	1	1	100	100		2.08	0.000	0.781	0.781	0.998	0.2	06/07/2021	11:46

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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		2.15	0.000	0.393	0.393	0.503	06/07/2021	11:47
2	ICB		1	100	100		2.36	0.000	0.000	0.000	0.001	06/07/2021	11:48
3	CCV1	0.5	1	100	100		2.25	0.000	0.391	0.391	0.501	06/07/2021	11:49
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.001	06/07/2021	11:50
5	RL Check	0.01	1	100	100		1.75	0.000	0.007	0.007	0.010	06/07/2021	11:51
6	lb114825BL		1	100	100		1.85	0.000	0.000	0.000	0.001	06/07/2021	11:52
7	lb114825BS	0.5	1	100	100		1.72	0.000	0.410	0.410	0.525	06/07/2021	11:53
8	M2631-01		1	100	100		2.09	0.001	0.001	0.000	0.001	06/07/2021	11:54
9	M2631-01DU		1	100	100		2.32	0.000	0.000	0.000	0.001	06/07/2021	11:55
10	M2631-01MS	1	2	100	100		2.14	0.000	0.417	0.417	0.534	06/07/2021	11:56
11	M2631-01MS	1	2	100	100		2.32	0.001	0.416	0.415	0.531	06/07/2021	11:57
12	CCV2	0.5	1	100	100		2.08	0.000	0.392	0.392	0.502	06/07/2021	11:58
13	CCB2		1	100	100		2.15	0.000	0.000	0.000	0.001	06/07/2021	11:58

WORKLIST(Hardcopy Internal Chain)

LB114825

WorkList Name : hex6721

WorkList ID : 149584

Department : Wet-Chemistry

Date : 06-07-2021 10:35:26

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/14/2021	Water	M2631-01	Hexavalent Chromium	Ammonium sul	AQUA04	F31	0225-FIELD-BLANK-1	06/04/2021	7196A

Date/Time 06/07/21 11:15
 Raw Sample Received by: KS (Weichen)
 Raw Sample Relinquished by: AM (Weichen)

Date/Time 06/07/21 12:00
 Raw Sample Received by: AM (Weichen)
 Raw Sample Relinquished by: KS (Weichen)