

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116087

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP92746
Calibration Std. hexchrome 0.05 ppm	WP92747
calibration std. hexchrome 0.01 ppm	WP92748
calibration std. hexchrome 0 ppm	WP92749
hexavalent chromium color reagent	WP92730
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP92751
Hexavalent Chromium ICV-LCS Std	WP92750
Calibration and CCV std HexChrome 0.5PPM	WP92745
Calibration std HexChrome 1.0PPM	WP92744

Intercept: -0.0008

Slope: 0.7827

Regression: 0.999995

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		2.25	0.000	0.000	0.000	0.001		08/31/2021	12:15
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.008	20	08/31/2021	12:16
3	CAL3	0.025	1	100	100		1.74	0.000	0.018	0.018	0.024	4	08/31/2021	12:17
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.049	2	08/31/2021	12:18
5	CAL5	0.1	1	100	100		2.09	0.000	0.079	0.079	0.101	-1	08/31/2021	12:19
6	CAL6	0.5	1	100	100		2.16	0.000	0.390	0.390	0.499	0.2	08/31/2021	12:20
7	CAL7	1	1	100	100		2.34	0.000	0.782	0.782	1.000	0	08/31/2021	12:21

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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		2.18	0.000	0.383	0.383	0.490	08/31/2021	12:25
2	ICB		1	100	100		2.09	0.000	0.000	0.000	0.001	08/31/2021	12:26
3	CCV1	0.5	1	100	100		2.10	0.000	0.381	0.381	0.488	08/31/2021	12:27
4	CCB1		1	100	100		2.34	0.000	0.000	0.000	0.001	08/31/2021	12:28
5	RL Check	0.01	1	100	100		2.18	0.000	0.008	0.008	0.011	08/31/2021	12:30
6	LB116087BL		1	100	100		2.36	0.000	0.000	0.000	0.001	08/31/2021	12:31
7	LB116087BS	0.5	1	100	100		1.98	0.000	0.408	0.408	0.522	08/31/2021	12:32
8	M3607-01		1	100	100		1.78	0.000	0.000	0.000	0.001	08/31/2021	12:35
9	M3607-01DU		1	100	100		1.85	0.001	0.001	0.000	0.001	08/31/2021	12:36
10	M3607-01MS	1	2	100	100		2.08	0.000	0.402	0.402	0.515	08/31/2021	12:38
11	M3607-01MS	1	2	100	100		2.16	0.000	0.401	0.401	0.513	08/31/2021	12:40
12	M3607-02		1	100	100		2.34	0.001	0.001	0.000	0.001	08/31/2021	12:41
13	CCV2	0.5	1	100	100		2.25	0.000	0.389	0.389	0.498	08/31/2021	12:42
14	CCB2		1	100	100		1.88	0.000	0.000	0.000	0.001	08/31/2021	12:42

WORKLIST(Hardcopy Internal Chain)

LB116087

WorkList Name : HEX83121 WorkList ID : 151904 Department : Wet-Chemistry Date : 08-31-2021 11:43:03

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/13/2021	Water	M3607-01	Hexavalent Chromium	Ammonium sul	AQUA04	H12	20211021-SITE-WATER	08/27/2021	7196A
09/13/2021	Water	M3607-02	Hexavalent Chromium	Ammonium sul	AQUA04	H12	20211022-FIELD-BLANK	08/30/2021	7196A

Date/Time 08/31/21 11:50
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: JR (WC)

Date/Time 08/31/21 12:45
 Raw Sample Received by: JR (WC)
 Raw Sample Relinquished by: KS (WC)