

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB112893

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP89259
Calibration Std. hexchrome 0.05 ppm	WP89260
calibration std. hexchrome 0.01 ppm	WP89261
calibration std. hexchrome 0 ppm	WP89263
hexavalent chromium color reagent	WP89171
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024
Calibration Std Hexachrome 0.025 ppm	WP89262
Hexavalent Chromium ICV-LCS Std	WP89264
Calibration and CCV std HexChrome 0.5PPM	WP89258
Calibration std HexChrome 1.0PPM	WP89257

Intercept: -0.0002

Slope: 0.7998

Regression: 0.999997

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		2.05	0.000	0.001	0.001	01/22/2021	11:45
2	CAL2	0.01	1	100	100		2.14	0.000	0.008	0.008	01/22/2021	11:46
3	CAL3	0.025	1	100	100		2.34	0.000	0.020	0.020	01/22/2021	11:47
4	CAL4	0.05	1	100	100		2.24	0.000	0.039	0.039	01/22/2021	11:48
5	CAL5	0.1	1	100	100		2.08	0.000	0.079	0.079	01/22/2021	11:48
6	CAL6	0.5	1	100	100		2.14	0.000	0.399	0.399	01/22/2021	11:49
7	CAL7	1	1	100	100		2.36	0.000	0.800	0.800	01/22/2021	11:50

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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.14	0.000	0.382	0.382	0.478	01/22/2021	11:51
2	ICB		1	100	100		2.23	0.000	0.000	0.000	0.000	01/22/2021	11:52
3	CCV1	0.5	1	100	100		2.34	0.000	0.383	0.383	0.479	01/22/2021	12:15
4	CCB1		1	100	100		2.41	0.000	0.000	0.000	0.000	01/22/2021	12:15
5	lb112893BL		1	100	100		2.34	0.000	0.000	0.000	0.000	01/22/2021	12:16
6	lb112893BS	0.5	1	100	100		2.21	0.000	0.430	0.430	0.538	01/22/2021	12:17
7	M1212-01		1	100	100		2.18	0.003	0.003	0.000	0.000	01/22/2021	12:18
8	M1212-01DUP		1	100	100		2.18	0.002	0.003	0.001	0.002	01/22/2021	12:19
9	M1212-01MS	1	2	100	100		2.34	0.004	0.445	0.441	0.552	01/22/2021	12:20
10	M1212-01MSD	1	2	100	100		2.25	0.004	0.444	0.440	0.550	01/22/2021	12:21
11	M1212-02		1	100	100		2.08	0.001	0.001	0.000	0.000	01/22/2021	12:22
12	CCV2	0.5	1	100	100		2.14	0.000	0.381	0.381	0.477	01/22/2021	12:23
13	CCB2		1	100	100		2.34	0.000	0.000	0.000	0.000	01/22/2021	12:24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex12221 WorkList ID : 145905 Department : Wet-Chemistry Date : 01-22-2021 10:09:58

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/21/2021	Water	M1212-01	Hexavalent Chromium	Cool 4 deg C	AQUA04	G12	0021-SITE-WATER-042	01/20/2021	7196A
01/21/2021	Water	M1212-02	Hexavalent Chromium	Cool 4 deg C	AQUA04	G12	0020-FIELD-BLANK	01/20/2021	7196A

Date/Time 01/22/21 11:15
 Received by: KS (wetchem)
 Relinquished by: AM (wetchem)

Date/Time 01/22/21 12:25
 Received by: AM (wetchem)
 Relinquished by: KS (wetchem)