

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB112902

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		2.25	0.000	0.001	0.001	01/22/2021	17:15
2	CAL2	0.01	1	100	100		2.18	0.000	0.008	0.008	01/22/2021	17:15
3	CAL3	0.025	1	100	100		2.08	0.000	0.020	0.020	01/22/2021	17:16
4	CAL4	0.05	1	100	100		2.34	0.000	0.039	0.039	01/22/2021	17:16
5	CAL5	0.1	1	100	100		1.96	0.000	0.079	0.079	01/22/2021	17:17
6	CAL6	0.5	1	100	100		1.87	0.000	0.399	0.399	01/22/2021	17:18
7	CAL7	1	1	100	100		2.14	0.000	0.800	0.800	01/22/2021	17:18

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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	0.385	0.385	0.482	01/22/2021	17:19
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.000	01/22/2021	17:19
3	CCV1	0.5	1	100	100		2.35	0.000	0.384	0.384	0.480	01/22/2021	17:20
4	CCB1		1	100	100		2.21	0.000	0.000	0.000	0.000	01/22/2021	17:20
5	LB112902BL		1	100	100		2.09	0.000	0.000	0.000	0.000	01/22/2021	17:21
6	LB112902BS	0.5	1	100	100		1.78	0.000	0.435	0.435	0.544	01/22/2021	17:21
7	M1226-01		1	100	100		1.98	0.002	0.002	0.000	0.000	01/22/2021	17:22
8	M1226-01DUP		1	100	100		2.16	0.003	0.003	0.000	0.000	01/22/2021	17:22
9	M1226-01MS	1	2	100	100		1.34	0.003	0.425	0.422	0.528	01/22/2021	17:23
10	M1226-01MSD	1	2	100	100		1.85	0.002	0.424	0.422	0.528	01/22/2021	17:23
11	M1226-02		1	100	100		2.17	0.004	0.004	0.000	0.000	01/22/2021	17:24
12	M1226-03		1	100	100		2.34	0.003	0.003	0.000	0.000	01/22/2021	17:24
13	M1226-04		1	100	100		1.88	0.002	0.002	0.000	0.000	01/22/2021	17:25
14	M1226-05		1	100	100		1.76	0.002	0.002	0.000	0.000	01/22/2021	17:26
15	CCV2	0.5	1	100	100		2.18	0.000	0.383	0.383	0.479	01/22/2021	17:26
16	CCB2		1	100	100		2.07	0.000	0.000	0.000	0.000	01/22/2021	17:27
17	M1226-07		1	100	100		1.75	0.004	0.004	0.000	0.000	01/22/2021	17:28
18	M1226-08		1	100	100		2.37	0.003	0.003	0.000	0.000	01/22/2021	17:28
19	M1226-09		1	100	100		2.24	0.002	0.002	0.000	0.000	01/22/2021	17:29
20	CCV3	0.5	1	100	100		1.85	0.000	0.382	0.382	0.478	01/22/2021	17:30
21	CCB3		1	100	100		1.76	0.000	0.000	0.000	0.000	01/22/2021	17:30

WORKLIST(Hardcopy Internal Chain)

LB112902

WorkList Name : HEX12221-1 WorkList ID : 145920 Department : Wet-Chemistry Date : 01-22-2021 15:31:02

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/22/2021	Water	M1226-01	C	Cool 4 deg C	AQUA04	G31	0049-043-COMP-C-ELUTRIAT	01/21/2021	7196A
01/22/2021	Water	M1226-02	D	Cool 4 deg C	AQUA04	G31	0050-044-COMP-D-ELUTRIAT	01/21/2021	7196A
01/22/2021	Water	M1226-03	D	Cool 4 deg C	AQUA04	G31	0051-045-COMP-E-ELUTRIAT	01/21/2021	7196A
01/22/2021	Water	M1226-04	C	Cool 4 deg C	AQUA04	G31	0055-052-COMP-I-ELUTRIAT	01/21/2021	7196A
01/22/2021	Water	M1226-05	✓	Cool 4 deg C	AQUA04	G31	0049-043-COMP-C-ELUTRIAT	01/21/2021	7196A
01/22/2021	Water	M1226-07	✓	Cool 4 deg C	AQUA04	G31	0050-044-COMP-D-ELUTRIAT	01/21/2021	7196A
01/22/2021	Water	M1226-08	✓	Cool 4 deg C	AQUA04	G31	0051-045-COMP-E-ELUTRIAT	01/21/2021	7196A
01/22/2021	Water	M1226-09	✓	Cool 4 deg C	AQUA04	G31	0055-052-COMP-I-ELUTRIAT	01/21/2021	7196A

Date/Time 01/22/21 16:50
 Received by: KS (Wetchem)
 Relinquished by: KS (Wetchem)

Date/Time 01/22/21 17:35
 Received by: KS (Wetchem)
 Relinquished by: KS (Wetchem)