

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114413

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP91021
Calibration Std. hexchrome 0.05 ppm	WP91022
calibration std. hexchrome 0.01 ppm	WP91023
hexavalent chromium color reagent	WP90915
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
HEX LOD STD, 0.005PPM	WP91027
Hex LOQ Std, 0.01PPM	WP91028
Calibration Std Hexachrome 0.025 ppm	WP91024
Hexavalent Chromium ICV-LCS Std	WP91026
Calibration and CCV std HexChrome 0.5PPM	WP91020
Calibration std HexChrome 1.0PPM	WP91019

Intercept: -0.0007

Slope: 0.7833

Regression: 0.999994

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		2.08	0.000	0.000	0.000	0.000		05/12/2021	14:15
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.008	20	05/12/2021	14:15
3	CAL3	0.025	1	100	100		1.85	0.000	0.018	0.018	0.023	8	05/12/2021	14:16
4	CAL4	0.05	1	100	100		1.74	0.000	0.038	0.038	0.049	2	05/12/2021	14:17
5	CAL5	0.1	1	100	100		2.19	0.000	0.079	0.079	0.101	-1	05/12/2021	14:18
6	CAL6	0.5	1	100	100		2.31	0.000	0.392	0.392	0.501	-0.2	05/12/2021	14:19
7	CAL7	1	1	100	100		2.28	0.000	0.782	0.782	0.999	0.1	05/12/2021	14:20

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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		2.25	0.000	0.386	0.386	0.494	05/12/2021	14:21
2	ICB		1	100	100		2.15	0.000	0.000	0.000	0.001	05/12/2021	14:22
3	CCV1	0.5	1	100	100		1.78	0.000	0.382	0.382	0.489	05/12/2021	14:23
4	CCB1		1	100	100		1.92	0.000	0.000	0.000	0.001	05/12/2021	14:24
5	RL Check	0.01	1	100	100		1.80	0.000	0.007	0.007	0.010	05/12/2021	14:25
6	LB114413BL		1	100	100		2.09	0.000	0.000	0.000	0.001	05/12/2021	14:26
7	LB114413BS	0.5	1	100	100		2.34	0.000	0.402	0.402	0.514	05/12/2021	14:27
8	M2262-07		1	100	100		2.18	0.000	0.004	0.004	0.006	05/12/2021	14:28
9	M2262-08		1	100	100		2.29	0.000	0.007	0.007	0.010	05/12/2021	14:29
10	CCV2	0.5	1	100	100		1.98	0.000	0.383	0.383	0.490	05/12/2021	14:30
11	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.001	05/12/2021	14:30

WORKLIST(Hardcopy Internal Chain)

LB114413

WorkList Name : hex51221 WorkList ID : 148834 Department : Wet-Chemistry Date : 05-12-2021 13:12:10

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/24/2021	Water	M2262-07	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOD-MDL-WATER-SOIL-1	05/03/2021	7196A
05/24/2021	Water	M2262-08	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOQ-WATER-02-QT2-20	05/03/2021	7196A

Date/Time N/A
 Raw Sample Received by: 11
 Raw Sample Relinquished by: 11

Date/Time N/A
 Raw Sample Received by: 11
 Raw Sample Relinquished by: 11