

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106086

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79571
Calibratation STD Hexa Chrome 0.5 PPM	WP79570
Calibration Std. hexchrome 0.1 ppm	WP79569
Calibration Std. hexchrome 0.05 ppm	WP79568
calibration std. hexchrome 0.01 ppm	WP79567
calibration std. hexchrome 0 ppm	WP79566
Hexavalent Chromium ICV Std.	WP79572
Hexavalent Chromium LCS Std	WP79573
hexavalent chromium color reagent	WP79393
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP79574
HNO3 Hex-Chrome, 5M	WP76601

Intercept: -0.0004

Slope: 0.8001

Regression: 0.999998

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		2.10	0.000	0.000	0.000	11/04/2019	13:50
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	11/04/2019	13:50
3	CAL3	0.025	1	100	100		1.60	0.000	0.020	0.020	11/04/2019	13:51
4	CAL4	0.05	1	100	100		2.10	0.000	0.039	0.039	11/04/2019	13:52
5	CAL5	0.1	1	100	100		1.56	0.000	0.079	0.079	11/04/2019	13:52
6	CAL6	0.5	1	100	100		1.60	0.000	0.399	0.399	11/04/2019	13:54
7	CAL7	1	1	100	100		2.05	0.000	0.800	0.800	11/04/2019	13:54

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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		2.10	0.000	0.384	0.384	0.480	11/04/2019	14:30
2	ICB		1	100	100		1.56	0.000	0.000	0.000	0.000	11/04/2019	14:30
3	CCV1	0.5	1	100	100		1.60	0.000	0.379	0.379	0.474	11/04/2019	14:31
4	CCB1		1	100	100		1.60	0.000	0.000	0.000	0.000	11/04/2019	14:32
5	PB124512BL		1	2.52	100	7.15	2.05	0.000	0.000	0.000	0.000	11/04/2019	14:32
6	PB124512BS	20	1	2.51	100	7.12	1.65	0.000	0.379	0.379	0.474	11/04/2019	14:33
7	K5658-03		1	2.50	100	7.12	2.01	0.006	0.006	0.000	0.000	11/04/2019	14:34
8	K5658-03DUP		1	2.53	100	7.12	1.60	0.005	0.005	0.000	0.000	11/04/2019	14:35
9	K5658-03MSPre	40	2	2.52	100	7.50	1.56	0.009	0.376	0.367	0.459	11/04/2019	14:36
10	K5658-03MS2Ins	1284	40	2.53	100	7.85	1.60	0.014	0.659	0.645	0.807	11/04/2019	14:37
11	K5658-03MS3Post	40	2	2.50	100	7.15	1.60	0.010	0.375	0.365	0.457	11/04/2019	14:38
12	K5658-07		1	2.50	100	7.25	2.05	0.013	0.013	0.000	0.000	11/04/2019	14:38
13	K5676-01		1	2.51	100	7.65	1.56	0.034	0.034	0.000	0.000	11/04/2019	14:39
14	CCV2	0.5	1	100	100		1.56	0.000	0.379	0.379	0.474	11/04/2019	14:39
15	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.000	11/04/2019	14:40