

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB112830

pH Meter ID: wc ph meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP89159
Calibration Std. hexchrome 0.05 ppm	WP89162
calibration std. hexchrome 0.01 ppm	WP89165
calibration std. hexchrome 0 ppm	WP89168
hexavalent chromium color reagent	WP89171
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024
Calibration Std Hexachrome 0.025 ppm	WP89167
Hexavalent Chromium ICV-LCS Std	WP89169
Calibration and CCV std HexChrome 0.5PPM	WP89157
Calibration std HexChrome 1.0PPM	WP89155

Intercept: 0.0002

Slope: 0.7643

Regression: 0.999995

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	7.16	2.18	0.000	0.000	0.000	01/18/2021	11:35
2	CAL2	0.01	1	100	100	7.34	1.96	0.001	0.008	0.007	01/18/2021	11:35
3	CAL3	0.025	1	100	100	7.25	1.87	0.002	0.020	0.018	01/18/2021	11:36
4	CAL4	0.05	1	100	100	7.46	1.78	0.001	0.040	0.039	01/18/2021	11:36
5	CAL5	0.1	1	100	100	7.54	2.25	0.002	0.080	0.078	01/18/2021	11:37
6	CAL6	0.5	1	100	100	7.68	2.34	0.002	0.385	0.383	01/18/2021	11:38
7	CAL7	1	1	100	100	7.85	1.88	0.001	0.765	0.764	01/18/2021	11:38

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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	7.74	2.15	0.000	0.383	0.383	0.501	01/18/2021	11:39
2	ICB		1	100	100	7.54	2.42	0.000	0.000	0.000	0.000	01/18/2021	11:39
3	CCV1	0.5	1	100	100	7.27	2.31	0.000	0.382	0.382	0.500	01/18/2021	11:40
4	CCB1		1	100	100	7.14	1.85	0.000	0.000	0.000	0.000	01/18/2021	11:40
5	PB134173BL		1	2.50	100	7.32	1.93	0.000	0.000	0.000	0.000	01/18/2021	11:41
6	PB134173BS	20	1	2.50	100	7.42	1.75	0.000	0.355	0.355	0.464	01/18/2021	11:42
7	M1141-20		1	2.53	100	7.32	2.14	0.041	0.043	0.002	0.002	01/18/2021	11:43
8	M1141-20DUP		1	2.52	100	7.22	2.28	0.040	0.042	0.002	0.002	01/18/2021	11:43
9	M1141-20MSPre	40	2	2.51	100	7.12	1.88	0.038	0.084	0.046	0.060	01/18/2021	11:44
10	M1141-20MS2Ins	1284	40	2.53	100	7.61	1.64	0.033	0.651	0.618	0.808	01/18/2021	11:44
11	M1141-20MS3Post	40	2	2.54	100	7.54	1.72	0.037	0.245	0.208	0.272	01/18/2021	11:45
12	M1141-22		1	2.55	100	7.31	2.08	0.062	0.064	0.002	0.002	01/18/2021	11:46
13	M1152-01		1	2.56	100	7.20	1.82	0.044	0.045	0.001	0.001	01/18/2021	11:46
14	M1153-01		1	2.58	100	7.14	1.76	0.083	0.085	0.002	0.002	01/18/2021	11:47
15	CCV2	0.5	1	100	100	7.61	2.25	0.000	0.380	0.380	0.497	01/18/2021	11:48
16	CCB2		1	100	100	7.55	2.46	0.000	0.000	0.000	0.000	01/18/2021	11:48
17	M1159-02		1	2.54	100	7.28	2.34	0.049	0.051	0.002	0.002	01/18/2021	11:49
18	CCV3	0.5	1	100	100	7.14	2.15	0.000	0.381	0.381	0.498	01/18/2021	11:50
19	CCB3		1	100	100	7.34	2.29	0.000	0.000	0.000	0.000	01/18/2021	11:50