

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114675

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP91314
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0011

Slope: 0.7639

Regression: 0.999998

Seq	Lab ID	True Value (mg/L)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.28	2.25	0.000	0.002	0.002	0.001		05/27/2021	13:40
2	CAL2	0.01	1	100	100	7.37	2.34	0.000	0.008	0.008	0.009	10	05/27/2021	13:42
3	CAL3	0.025	1	100	100	7.15	2.10	0.000	0.020	0.020	0.024	4	05/27/2021	13:43
4	CAL4	0.05	1	100	100	7.45	1.96	0.000	0.039	0.039	0.049	2	05/27/2021	13:44
5	CAL5	0.1	1	100	100	7.65	1.78	0.000	0.078	0.078	0.100	0	05/27/2021	13:45
6	CAL6	0.5	1	100	100	7.52	1.85	0.000	0.383	0.383	0.499	0.2	05/27/2021	13:46
7	CAL7	1	1	100	100	7.74	2.08	0.000	0.765	0.765	1	0	05/27/2021	13:47

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pH Meter ID: WC pH Meter-1

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	7.63	2.06	0.000	0.384	0.384	0.501	05/27/2021	13:48
2	ICB		1	100	100	7.40	1.98	0.000	0.001	0.001	0.000	05/27/2021	13:49
3	CCV1	0.5	1	100	100	7.29	1.74	0.000	0.379	0.379	0.495	05/27/2021	13:50
4	CCB1		1	100	100	7.30	1.80	0.000	0.002	0.002	0.001	05/27/2021	13:51
5	RL Check	0.01	1	100	100	7.41	2.26	0.000	0.009	0.009	0.010	05/27/2021	13:52
6	PB136690BL		1	2.50	100	7.52	2.14	0.000	0.002	0.002	0.001	05/27/2021	13:53
7	PB136690BS	20	1	2.50	100	7.34	2.32	0.003	0.359	0.356	0.465	05/27/2021	13:54
8	M2516-01		1	2.53	100	7.28	2.41	0.018	0.019	0.001	0.000	05/27/2021	13:55
9	M2536-01		1	2.52	100	7.10	2.31	0.048	0.051	0.003	0.002	05/27/2021	13:56
10	M2536-01DU		1	2.51	100	7.43	2.29	0.047	0.050	0.003	0.002	05/27/2021	13:57
11	M2536-01MS	40	2	2.53	100	7.56	2.10	0.041	0.374	0.333	0.434	05/27/2021	13:58
12	M2536-01MS	1284	40	2.50	100	7.34	1.85	0.038	0.653	0.615	0.804	05/27/2021	13:59
13	M2536-01MS	40	2	2.51	100	7.20	1.74	0.042	0.398	0.356	0.465	05/27/2021	14:00
14	M2537-01		1	2.56	100	7.56	1.88	0.038	0.040	0.002	0.001	05/27/2021	14:01
15	M2538-01		1	2.55	100	7.72	1.90	0.048	0.050	0.002	0.001	05/27/2021	14:02
16	CCV2	0.5	1	100	100	7.30	1.74	0.000	0.380	0.380	0.496	05/27/2021	14:03
17	CCB2		1	100	100	7.15	2.08	0.000	0.001	0.001	0.000	05/27/2021	14:04
18	M2539-01		1	2.54	100	7.20	2.10	0.083	0.084	0.001	0.000	05/27/2021	14:05
19	M2542-01		1	2.55	100	7.46	2.25	0.085	0.087	0.002	0.001	05/27/2021	14:06
20	CCV3	0.5	1	100	100	7.62	2.41	0.000	0.382	0.382	0.499	05/27/2021	14:07
21	CCB3		1	100	100	7.52	2.30	0.000	0.002	0.002	0.001	05/27/2021	14:08