

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114934

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP91567
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0012

Slope: 0.7654

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	7.25	2.25	0.000	0.001	0.001	-0.00		06/12/2021	11:40
2	CAL2	0.01	1	100	100	7.18	2.15	0.000	0.009	0.009	0.010	0	06/12/2021	11:41
3	CAL3	0.025	1	100	100	7.30	2.36	0.000	0.020	0.020	0.024	4	06/12/2021	11:42
4	CAL4	0.05	1	100	100	7.58	1.98	0.000	0.039	0.039	0.049	2	06/12/2021	11:43
5	CAL5	0.1	1	100	100	7.69	1.78	0.000	0.078	0.078	0.100	0	06/12/2021	11:44
6	CAL6	0.5	1	100	100	7.74	1.85	0.000	0.385	0.385	0.501	-0.2	06/12/2021	11:45
7	CAL7	1	1	100	100	7.52	2.09	0.000	0.766	0.766	0.999	0.1	06/12/2021	11:46

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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	7.40	2.19	0.000	0.384	0.384	0.500	06/12/2021	11:47
2	ICB		1	100	100	7.62	2.35	0.000	0.002	0.002	0.001	06/12/2021	11:47
3	CCV1	0.5	1	100	100	7.25	2.28	0.000	0.380	0.380	0.495	06/12/2021	11:48
4	CCB1		1	100	100	7.85	1.85	0.000	0.002	0.002	0.001	06/12/2021	11:48
5	RL Check	0.01	1	100	100	7.54	2.09	0.000	0.008	0.008	0.009	06/12/2021	11:49
6	PB137049BL		1	2.50	100	7.63	2.35	0.000	0.001	0.001	0.000	06/12/2021	11:50
7	PB137049BS	20	1	2.50	100	7.45	2.28	0.002	0.357	0.355	0.462	06/12/2021	11:51
8	M2639-01		1	2.53	100	7.65	2.17	0.040	0.041	0.001	0.000	06/12/2021	11:52
9	M2687-01		1	2.52	100	7.18	2.09	0.025	0.026	0.001	0.000	06/12/2021	11:53
10	M2687-01DU		1	2.51	100	7.55	2.18	0.024	0.026	0.002	0.001	06/12/2021	11:54
11	M2687-01MS	40	2	2.53	100	7.46	2.18	0.022	0.186	0.164	0.213	06/12/2021	11:55
12	M2687-01MS	1284	40	2.54	100	7.69	2.36	0.018	0.652	0.634	0.827	06/12/2021	11:56
13	M2687-01MS	40	2	2.56	100	7.50	2.25	0.021	0.302	0.281	0.366	06/12/2021	11:57
14	M2687-02		1	2.55	100	7.37	2.08	0.019	0.019	0.000	-0.002	06/12/2021	11:58
15	M2687-03		1	2.52	100	7.41	2.14	0.013	0.013	0.000	-0.002	06/12/2021	11:59
16	CCV2	0.5	1	100	100	7.52	2.37	0.000	0.381	0.381	0.496	06/12/2021	12:00
17	CCB2		1	100	100	7.28	2.25	0.000	0.001	0.001	0.000	06/12/2021	12:01
18	M2687-04		1	2.53	100	7.10	1.87	0.015	0.015	0.000	-0.002	06/12/2021	12:02
19	M2687-05		1	2.57	100	7.66	1.95	0.010	0.011	0.001	0.000	06/12/2021	12:03
20	M2687-06		1	2.55	100	7.75	1.74	0.014	0.014	0.000	-0.002	06/12/2021	12:04
21	M2687-07		1	2.54	100	7.56	2.16	0.015	0.016	0.001	0.000	06/12/2021	12:05
22	M2687-08		1	2.56	100	7.63	2.37	0.020	0.021	0.001	0.000	06/12/2021	12:06
23	M2687-09		1	2.57	100	7.42	2.25	0.018	0.018	0.000	-0.002	06/12/2021	12:07
24	M2687-10		1	2.59	100	7.38	2.08	0.020	0.021	0.001	0.000	06/12/2021	12:08
25	CCV3	0.5	1	100	100	7.75	2.17	0.000	0.382	0.382	0.498	06/12/2021	12:09
26	CCB3		1	100	100	7.62	2.19	0.000	0.002	0.002	0.001	06/12/2021	12:10