

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116768

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93363
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0009

Slope: 0.7689

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	2.08	0.000	0.002	0.002	0.001		10/09/2021	14:05
2	CAL2	0.01	1	100	100	7.36	2.15	0.000	0.008	0.008	0.009	10	10/09/2021	14:06
3	CAL3	0.025	1	100	100	7.14	2.34	0.000	0.020	0.020	0.024	4	10/09/2021	14:07
4	CAL4	0.05	1	100	100	7.42	2.08	0.000	0.039	0.039	0.049	2	10/09/2021	14:08
5	CAL5	0.1	1	100	100	7.62	1.95	0.000	0.078	0.078	0.100	0	10/09/2021	14:09
6	CAL6	0.5	1	100	100	7.52	1.74	0.000	0.385	0.385	0.499	0.2	10/09/2021	14:10
7	CAL7	1	1	100	100	7.70	1.85	0.000	0.770	0.770	1.000	0	10/09/2021	14:11



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Run Number: LB116768

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	7.62	2.08	0.000	0.380	0.380	0.493	10/09/2021	14:15
2	ICB		1	100	100	7.32	1.98	0.000	0.002	0.002	0.001	10/09/2021	14:16
3	CCV1	0.5	1	100	100	7.19	1.74	0.000	0.378	0.378	0.490	10/09/2021	14:17
4	CCB1		1	100	100	7.28	1.82	0.000	0.001	0.001	0.000	10/09/2021	14:18
5	RL Check	0.01	1	100	100	7.47	2.08	0.000	0.010	0.010	0.012	10/09/2021	14:19
6	PB139775BL		1	2.50	100	7.68	2.10	0.000	0.001	0.001	0.000	10/09/2021	14:20
7	PB139775BS	20	1	2.50	100	7.74	2.35	0.001	0.351	0.350	0.454	10/09/2021	14:21
8	M4117-01		1	2.53	100	7.52	2.40	0.019	0.019	0.000	-0.001	10/09/2021	14:22
9	M4117-01DU		1	2.52	100	7.49	2.10	0.018	0.019	0.001	0.000	10/09/2021	14:23
10	M4117-01MS	40	2	2.51	100	7.64	2.36	0.016	0.292	0.276	0.358	10/09/2021	14:24
11	M4117-01MS	1284	40	2.53	100	7.54	2.25	0.012	0.629	0.617	0.801	10/09/2021	14:25
12	M4117-01MS	40	2	2.50	100	7.37	2.16	0.017	0.355	0.338	0.438	10/09/2021	14:26
13	M4117-02		1	2.51	100	7.85	1.98	0.019	0.020	0.001	0.000	10/09/2021	14:27
14	M4117-03		1	2.50	100	7.67	1.72	0.016	0.016	0.000	-0.001	10/09/2021	14:28
15	M4117-04		1	2.52	100	7.49	1.85	0.007	0.007	0.000	-0.001	10/09/2021	14:29
16	CCV2	0.5	1	100	100	7.57	1.88	0.000	0.379	0.379	0.492	10/09/2021	14:30
17	CCB2		1	100	100	7.64	1.92	0.000	0.002	0.002	0.001	10/09/2021	14:31
18	M4117-05		1	2.53	100	7.43	1.71	0.036	0.037	0.001	0.000	10/09/2021	14:32
19	M4117-06		1	2.57	100	7.51	1.65	0.019	0.019	0.000	-0.001	10/09/2021	14:33
20	M4117-07		1	2.55	100	7.28	2.05	0.042	0.043	0.001	0.000	10/09/2021	14:34
21	M4117-08		1	2.54	100	7.17	2.14	0.021	0.022	0.001	0.000	10/09/2021	14:35
22	M4117-09		1	2.56	100	7.34	2.36	0.056	0.058	0.002	0.001	10/09/2021	14:36
23	M4117-10		1	2.58	100	7.62	2.42	0.054	0.055	0.001	0.000	10/09/2021	14:37
24	M4117-12		1	2.59	100	7.49	1.69	0.036	0.037	0.001	0.000	10/09/2021	14:38
25	M4117-13		1	2.54	100	7.58	1.95	0.027	0.028	0.001	0.000	10/09/2021	14:39
26	M4117-14		1	2.57	100	7.67	1.74	0.015	0.016	0.001	0.000	10/09/2021	14:40
27	M4117-15		1	2.56	100	7.49	1.80	0.055	0.057	0.002	0.001	10/09/2021	14:41
28	CCV3	0.5	1	100	100	7.85	2.08	0.000	0.378	0.378	0.490	10/09/2021	14:42
29	CCB3		1	100	100	7.71	1.95	0.000	0.002	0.002	0.001	10/09/2021	14:43
30	M4117-17		1	2.52	100	7.37	2.34	0.045	0.047	0.002	0.001	10/09/2021	14:44
31	M4117-18		1	2.53	100	7.25	2.24	0.009	0.009	0.000	-0.001	10/09/2021	14:45
32	M4117-19		1	2.55	100	7.13	2.19	0.007	0.007	0.000	-0.001	10/09/2021	14:46
33	CCV4	0.5	1	100	100	7.50	2.06	0.000	0.379	0.379	0.492	10/09/2021	14:47
34	CCB4		1	100	100	7.37	1.96	0.000	0.002	0.002	0.001	10/09/2021	14:48