

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117263

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93821
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
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	7.10	2.08	0.000	0.002	0.002	0.001		11/09/2021	13:05
2	CAL2	0.01	1	100	100	7.35	2.15	0.000	0.008	0.008	0.009	10	11/09/2021	13:06
3	CAL3	0.025	1	100	100	7.20	2.34	0.000	0.020	0.020	0.024	4	11/09/2021	13:07
4	CAL4	0.05	1	100	100	7.45	1.88	0.000	0.039	0.039	0.049	2	11/09/2021	13:08
5	CAL5	0.1	1	100	100	7.62	1.74	0.000	0.078	0.078	0.100	0	11/09/2021	13:10
6	CAL6	0.5	1	100	100	7.55	1.95	0.000	0.385	0.385	0.499	0.2	11/09/2021	13:11
7	CAL7	1	1	100	100	7.25	2.08	0.000	0.770	0.770	1.000	0	11/09/2021	13:15

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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	7.18	2.10	0.000	0.382	0.382	0.496	11/09/2021	13:18
2	ICB		1	100	100	7.34	2.36	0.000	0.002	0.002	0.001	11/09/2021	13:19
3	CCV1	0.5	1	100	100	7.28	2.25	0.000	0.378	0.378	0.490	11/09/2021	13:20
4	CCB1		1	100	100	7.41	1.88	0.000	0.002	0.002	0.001	11/09/2021	13:21
5	RL Check	0.01	1	100	100	7.56	1.74	0.000	0.010	0.010	0.012	11/09/2021	13:22
6	PB140629BL		1	2.50	100	7.62	1.95	0.000	0.002	0.002	0.001	11/09/2021	13:23
7	PB140629BS	20	1	2.50	100	7.50	2.08	0.002	0.352	0.350	0.454	11/09/2021	13:24
8	M4402-04		1	2.53	100	7.40	2.14	0.025	0.026	0.001	0.000	11/09/2021	13:25
9	M4439-04		1	2.55	100	7.37	2.35	0.036	0.038	0.002	0.001	11/09/2021	13:26
10	M4585-01		1	2.58	100	7.42	2.20	0.040	0.041	0.001	0.000	11/09/2021	13:27
11	M4585-02		1	2.56	100	7.62	1.88	0.028	0.029	0.001	0.000	11/09/2021	13:28
12	M4585-03		1	2.57	100	7.50	1.74	0.054	0.055	0.001	0.000	11/09/2021	13:29
13	M4595-03		1	2.51	100	7.28	1.95	0.034	0.035	0.001	0.000	11/09/2021	13:30
14	M4595-03DU		1	2.50	100	7.34	2.15	0.033	0.035	0.002	0.001	11/09/2021	13:31
15	M4595-03MS	40	2	2.52	100	7.28	2.34	0.030	0.351	0.321	0.416	11/09/2021	13:32
16	CCV2	0.5	1	100	100	7.68	2.20	0.000	0.379	0.379	0.492	11/09/2021	13:33
17	CCB2		1	100	100	7.74	1.78	0.000	0.002	0.002	0.001	11/09/2021	13:34
18	M4595-03MS	1284	40	2.53	100	7.28	1.98	0.025	0.630	0.605	0.786	11/09/2021	13:35
19	M4595-03MS	40	2	2.52	100	7.34	1.85	0.029	0.371	0.342	0.444	11/09/2021	13:36
20	M4595-04		1	2.55	100	7.24	2.14	0.035	0.036	0.001	0.000	11/09/2021	13:37
21	M4595-07		1	2.57	100	7.19	2.34	0.042	0.044	0.002	0.001	11/09/2021	13:38
22	M4595-08		1	2.59	100	7.28	2.20	0.068	0.070	0.002	0.001	11/09/2021	13:39
23	CCV3	0.5	1	100	100	7.34	2.18	0.000	0.379	0.379	0.492	11/09/2021	13:40
24	CCB3		1	100	100	7.27	2.34	0.000	0.002	0.002	0.001	11/09/2021	13:41