

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113805

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP90302
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP89916

Intercept: 0.001

Slope: 0.7656

Regression: 0.999997

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	7.08	2.08	0.000	0.001	0.001	0		04/02/2021	13:05
2	CAL2	0.01	1	100	100	7.34	2.34	0.000	0.008	0.008	0.009	10	04/02/2021	13:06
3	CAL3	0.025	1	100	100	7.15	2.26	0.000	0.020	0.020	0.024	4	04/02/2021	13:07
4	CAL4	0.05	1	100	100	7.28	2.14	0.000	0.039	0.039	0.049	2	04/02/2021	13:08
5	CAL5	0.1	1	100	100	7.46	2.08	0.000	0.078	0.078	0.100	0	04/02/2021	13:09
6	CAL6	0.5	1	100	100	7.66	2.14	0.000	0.385	0.385	0.501	-0.2	04/02/2021	13:10
7	CAL7	1	1	100	100	7.58	2.26	0.000	0.766	0.766	0.999	0.1	04/02/2021	13:11

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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	7.45	2.09	0.000	0.382	0.382	0.498	04/02/2021	13:12
2	ICB		1	100	100	7.63	2.17	0.000	0.000	0.000	-0.001	04/02/2021	13:13
3	CCV1	0.5	1	100	100	7.52	1.79	0.000	0.380	0.380	0.495	04/02/2021	13:14
4	CCB1		1	100	100	7.41	1.98	0.000	0.001	0.001	0.000	04/02/2021	13:15
5	RL Check	0.01	1	100	100	7.31	1.88	0.000	0.009	0.009	0.010	04/02/2021	13:16
6	PB135486BL		1	2.50	100	7.24	1.77	0.000	0.001	0.001	0.000	04/02/2021	13:17
7	PB135486BS	20	1	2.50	100	7.34	2.06	0.002	0.353	0.351	0.457	04/02/2021	13:18
8	M1854-01		1	2.53	100	7.18	2.34	0.040	0.041	0.001	0.000	04/02/2021	13:19
9	M1854-01DU		1	2.52	100	7.09	2.14	0.039	0.040	0.001	0.000	04/02/2021	13:20
10	M1854-01MS	40	2	2.51	100	7.34	2.41	0.038	0.363	0.325	0.423	04/02/2021	13:21
11	M1854-01MS	1284	40	2.53	100	7.27	1.74	0.032	0.656	0.624	0.814	04/02/2021	13:22
12	M1854-01MS	40	2	2.50	100	7.14	1.85	0.037	0.372	0.335	0.436	04/02/2021	13:23
13	M1854-05		1	2.51	100	7.64	2.07	0.020	0.021	0.001	0.000	04/02/2021	13:24
14	M1883-01		1	2.50	100	7.71	2.34	0.044	0.045	0.001	0.000	04/02/2021	13:25
15	M1883-03		1	2.52	100	7.52	2.14	0.033	0.035	0.002	0.001	04/02/2021	13:26
16	CCV2	0.5	1	100	100	7.41	2.25	0.000	0.381	0.381	0.496	04/02/2021	13:27
17	CCB2		1	100	100	7.34	2.08	0.000	0.001	0.001	0.000	04/02/2021	13:28
18	M1888-01		1	2.53	100	7.21	2.14	0.021	0.053	0.032	0.040	04/02/2021	13:29
19	M1888-04		1	2.50	100	7.34	2.36	0.031	0.033	0.002	0.001	04/02/2021	13:30
20	M1889-01		1	2.55	100	7.41	2.07	0.028	0.029	0.001	0.000	04/02/2021	13:31
21	M1894-01		1	2.52	100	7.34	1.96	0.084	0.086	0.002	0.001	04/02/2021	13:32
22	M1894-02		1	2.51	100	7.25	1.78	0.087	0.089	0.002	0.001	04/02/2021	13:33
23	M1897-02		1	2.52	100	7.34	1.98	0.038	0.039	0.001	0.000	04/02/2021	13:34
24	M1897-04		1	2.58	100	7.27	1.78	0.070	0.071	0.001	0.000	04/02/2021	13:35
25	M1911-01		1	2.54	100	7.34	1.99	0.070	0.072	0.002	0.001	04/02/2021	13:36
26	M1911-04		1	2.58	100	7.24	2.07	0.044	0.045	0.001	0.000	04/02/2021	13:37
27	CCV3	0.5	1	100	100	7.08	2.09	0.000	0.382	0.382	0.498	04/02/2021	13:38
28	CCB3		1	100	100	7.10	1.87	0.000	0.001	0.001	0.000	04/02/2021	13:40