



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115684

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP92357
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0011

Slope: 0.7651

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	7.08	2.25	0.000	0.002	0.002	0.001		08/04/2021	13:05
2	CAL2	0.01	1	100	100	7.27	2.08	0.000	0.008	0.008	0.009	10	08/04/2021	13:06
3	CAL3	0.025	1	100	100	7.30	2.10	0.000	0.020	0.020	0.024	4	08/04/2021	13:07
4	CAL4	0.05	1	100	100	7.19	1.95	0.000	0.039	0.039	0.049	2	08/04/2021	13:08
5	CAL5	0.1	1	100	100	7.42	1.78	0.000	0.078	0.078	0.100	0	08/04/2021	13:09
6	CAL6	0.5	1	100	100	7.62	1.85	0.000	0.384	0.384	0.500	0	08/04/2021	13:10
7	CAL7	1	1	100	100	7.78	2.36	0.000	0.766	0.766	0.999	0.1	08/04/2021	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	7.58	2.16	0.000	0.380	0.380	0.495	08/04/2021	13:15
2	ICB		1	100	100	7.16	2.34	0.000	0.001	0.001	0.000	08/04/2021	13:16
3	CCV1	0.5	1	100	100	7.34	2.28	0.000	0.379	0.379	0.494	08/04/2021	13:17
4	CCB1		1	100	100	7.66	1.98	0.000	0.001	0.001	0.000	08/04/2021	13:18
5	RL Check	0.01	1	100	100	7.85	1.75	0.000	0.010	0.010	0.012	08/04/2021	13:19
6	PB138153BL		1	2.50	100	7.41	1.82	0.000	0.002	0.002	0.001	08/04/2021	13:20
7	PB138153BS	20	1	2.50	100	7.34	2.09	0.002	0.351	0.349	0.455	08/04/2021	13:21
8	M3241-01		1	2.53	100	7.28	2.16	0.045	0.047	0.002	0.001	08/04/2021	13:22
9	M3241-01DU		1	2.52	100	7.10	2.34	0.044	0.046	0.002	0.001	08/04/2021	13:23
10	M3241-01MS	40	2	2.51	100	7.80	2.28	0.042	0.053	0.011	0.013	08/04/2021	13:24
11	M3241-01MS	1284	40	2.53	100	7.61	1.74	0.038	0.635	0.597	0.779	08/04/2021	13:25
12	M3241-01MS	40	2	2.54	100	7.52	1.82	0.041	0.062	0.021	0.026	08/04/2021	13:26
13	M3241-02		1	2.56	100	7.49	1.96	0.059	0.060	0.001	0.000	08/04/2021	13:27
14	M3253-01		1	2.55	100	7.51	2.09	0.068	0.070	0.002	0.001	08/04/2021	13:28
15	M3253-03		1	2.56	100	7.62	2.15	0.058	0.059	0.001	0.000	08/04/2021	13:29
16	CCV2	0.5	1	100	100	7.27	2.35	0.000	0.378	0.378	0.493	08/04/2021	13:30
17	CCB2		1	100	100	7.18	2.40	0.000	0.001	0.001	0.000	08/04/2021	13:31
18	M3268-12		1	2.54	100	7.86	2.30	0.025	0.026	0.001	0.000	08/04/2021	13:32
19	M3268-13		1	2.55	100	7.74	2.18	0.050	0.051	0.001	0.000	08/04/2021	13:33
20	M3268-14		1	2.54	100	7.64	2.05	0.022	0.022	0.000	-0.001	08/04/2021	13:34
21	CCV3	0.5	1	100	100	7.48	1.88	0.000	0.380	0.380	0.495	08/04/2021	13:35
22	CCB3		1	100	100	7.38	1.76	0.000	0.002	0.002	0.001	08/04/2021	13:36