



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114745

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP91407
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0012

Slope: 0.7642

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	7.26	2.08	0.000	0.002	0.002	0.001		06/02/2021	15:10
2	CAL2	0.01	1	100	100	7.15	2.17	0.000	0.008	0.008	0.008	20	06/02/2021	15:11
3	CAL3	0.025	1	100	100	7.36	2.35	0.000	0.020	0.020	0.024	4	06/02/2021	15:12
4	CAL4	0.05	1	100	100	7.52	1.98	0.000	0.039	0.039	0.049	2	06/02/2021	15:13
5	CAL5	0.1	1	100	100	7.62	1.74	0.000	0.078	0.078	0.100	0	06/02/2021	15:14
6	CAL6	0.5	1	100	100	7.41	1.85	0.000	0.384	0.384	0.500	0	06/02/2021	15:15
7	CAL7	1	1	100	100	7.72	1.82	0.000	0.765	0.765	0.999	0.1	06/02/2021	15:16

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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	7.44	2.18	0.000	0.385	0.385	0.502	06/02/2021	15:18
2	ICB		1	100	100	7.52	2.36	0.000	0.001	0.001	0.000	06/02/2021	15:19
3	CCV1	0.5	1	100	100	7.32	2.28	0.000	0.381	0.381	0.497	06/02/2021	15:20
4	CCB1		1	100	100	7.18	1.98	0.000	0.002	0.002	0.001	06/02/2021	15:20
5	RL Check	0.01	1	100	100	7.62	1.74	0.000	0.009	0.009	0.010	06/02/2021	15:22
6	PB136786BL		1	2.50	100	7.74	1.85	0.000	0.002	0.002	0.001	06/02/2021	15:23
7	PB136786BS	20	1	2.50	100	7.85	2.18	0.003	0.354	0.351	0.458	06/02/2021	15:24
8	M2580-01		1	2.53	100	7.26	2.09	0.033	0.035	0.002	0.001	06/02/2021	15:25
9	M2580-01DU		1	2.52	100	7.61	2.36	0.032	0.034	0.002	0.001	06/02/2021	15:26
10	M2580-01MS	40	2	2.51	100	7.41	2.26	0.029	0.251	0.222	0.289	06/02/2021	15:27
11	M2580-01MS	1284	40	2.53	100	7.35	2.14	0.025	0.652	0.627	0.819	06/02/2021	15:28
12	M2580-01MS	40	2	2.50	100	7.20	1.88	0.028	0.275	0.247	0.322	06/02/2021	15:30
13	M2580-02		1	2.51	100	7.14	1.95	0.020	0.021	0.001	0.000	06/02/2021	15:31
14	M2580-03		1	2.50	100	7.62	1.74	0.045	0.047	0.002	0.001	06/02/2021	15:32
15	M2580-04		1	2.52	100	7.41	1.85	0.034	0.035	0.001	0.000	06/02/2021	15:34
16	CCV2	0.5	1	100	100	7.28	1.95	0.000	0.379	0.379	0.494	06/02/2021	15:35
17	CCB2		1	100	100	7.18	2.09	0.000	0.001	0.001	0.000	06/02/2021	15:35
18	M2580-05		1	2.53	100	7.46	2.15	0.076	0.077	0.001	0.000	06/02/2021	15:37
19	M2580-06		1	2.50	100	7.62	2.28	0.065	0.067	0.002	0.001	06/02/2021	15:38
20	M2580-07		1	2.55	100	7.51	1.74	0.078	0.080	0.002	0.001	06/02/2021	15:40
21	M2580-08		1	2.52	100	7.40	1.95	0.037	0.038	0.001	0.000	06/02/2021	15:41
22	M2580-09		1	2.51	100	7.34	1.82	0.067	0.068	0.001	0.000	06/02/2021	15:42
23	M2580-10		1	2.53	100	7.27	2.09	0.055	0.057	0.002	0.001	06/02/2021	15:43
24	M2580-11		1	2.51	100	7.34	2.14	0.041	0.043	0.002	0.001	06/02/2021	15:45
25	M2580-12		1	2.50	100	7.20	2.38	0.013	0.013	0.000	-0.002	06/02/2021	15:47
26	M2580-13		1	2.52	100	7.14	2.40	0.035	0.037	0.002	0.001	06/02/2021	15:48
27	M2580-14		1	2.50	100	7.62	2.28	0.062	0.064	0.002	0.001	06/02/2021	15:49
28	CCV3	0.5	1	100	100	7.52	2.20	0.000	0.382	0.382	0.498	06/02/2021	15:50
29	CCB3		1	100	100	7.10	2.15	0.000	0.002	0.002	0.001	06/02/2021	15:50
30	M2580-15		1	2.52	100	7.41	2.36	0.070	0.072	0.002	0.001	06/02/2021	15:52
31	M2580-16		1	2.51	100	7.30	2.18	0.058	0.059	0.001	0.000	06/02/2021	15:54
32	M2580-17		1	2.55	100	7.52	2.28	0.044	0.045	0.001	0.000	06/02/2021	15:55
33	CCV4	0.5	1	100	100	7.41	2.30	0.000	0.381	0.381	0.497	06/02/2021	15:57
34	CCB4		1	100	100	7.30	2.14	0.000	0.001	0.001	0.000	06/02/2021	15:58