



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB119966

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP96539
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0017

Slope: 0.7681

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	7.15	2.14	0.000	0.001	0.001	-0.00		05/03/2022	15:40
2	CAL2	0.01	1	100	100	7.30	1.88	0.000	0.009	0.009	0.009	10	05/03/2022	15:41
3	CAL3	0.025	1	100	100	7.19	1.79	0.000	0.021	0.021	0.025	0	05/03/2022	15:42
4	CAL4	0.05	1	100	100	7.52	1.95	0.000	0.040	0.040	0.049	2	05/03/2022	15:43
5	CAL5	0.1	1	100	100	7.36	2.08	0.000	0.080	0.080	0.101	-1	05/03/2022	15:44
6	CAL6	0.5	1	100	100	7.40	2.30	0.000	0.385	0.385	0.499	0.2	05/03/2022	15:45
7	CAL7	1	1	100	100	7.55	2.14	0.000	0.770	0.770	1.000	0	05/03/2022	15:47

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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	7.34	2.10	0.000	0.382	0.382	0.495	05/03/2022	15:50
2	ICB		1	100	100	7.19	1.79	0.000	0.002	0.002	0.000	05/03/2022	15:51
3	CCV1	0.5	1	100	100	7.52	1.98	0.000	0.380	0.380	0.493	05/03/2022	15:52
4	CCB1		1	100	100	7.49	1.82	0.000	0.002	0.002	0.000	05/03/2022	15:55
5	RL Check	0.01	1	100	100	7.34	2.08	0.000	0.010	0.010	0.011	05/03/2022	15:56
6	PB144547BL		1	2.50	100	7.72	2.15	0.000	0.001	0.001	-0.001	05/03/2022	15:57
7	PB144547BS	20	1	2.50	100	7.25	2.34	0.000	0.356	0.356	0.461	05/03/2022	15:58
8	N2641-01		1	2.55	100	7.36	2.20	0.012	0.013	0.001	-0.001	05/03/2022	15:59
9	N2641-01DU		1	2.52	100	7.55	1.74	0.011	0.012	0.001	-0.001	05/03/2022	16:00
10	N2641-01MS	40	2	2.53	100	7.62	1.92	0.010	0.351	0.341	0.442	05/03/2022	16:02
11	N2641-01MS	1284	40	2.56	100	7.46	1.82	0.007	0.637	0.630	0.818	05/03/2022	16:03
12	N2641-01MS	40	2	2.54	100	7.28	2.08	0.009	0.378	0.369	0.478	05/03/2022	16:05
13	N2641-04		1	2.56	100	7.34	2.30	0.009	0.009	0.000	-0.002	05/03/2022	16:06
14	N2656-07		1	2.55	100	7.18	2.41	0.035	0.820	0.785	1.020	05/03/2022	16:07
15	N2659-01		1	2.57	100	7.34	2.25	0.015	0.016	0.001	-0.001	05/03/2022	16:08
16	CCV2	0.5	1	100	100	7.28	2.31	0.000	0.379	0.379	0.491	05/03/2022	16:10
17	CCB2		1	100	100	7.15	2.19	0.000	0.001	0.001	-0.001	05/03/2022	16:11
18	N2659-02		1	2.59	100	7.30	2.25	0.004	0.004	0.000	-0.002	05/03/2022	16:12
19	N2659-03		1	2.58	100	7.19	1.75	0.004	0.005	0.001	-0.001	05/03/2022	16:13
20	N2659-04		1	2.56	100	7.28	1.90	0.007	0.008	0.001	-0.001	05/03/2022	16:15
21	N2663-01		1	2.54	100	7.18	1.82	0.027	0.028	0.001	-0.001	05/03/2022	16:16
22	N2667-01		1	2.55	100	7.34	2.05	0.015	0.095	0.080	0.102	05/03/2022	16:18
23	CCV3	0.5	1	100	100	7.29	2.30	0.000	0.381	0.381	0.494	05/03/2022	16:20
24	CCB3		1	100	100	7.62	2.14	0.000	0.002	0.002	0.000	05/03/2022	16:20
25	N2656-07		5	2.55	100	7.28	2.30	0.015	0.240	0.225	0.291	05/03/2022	16:22
26	CCV4	0.5	1	100	100	7.15	1.89	0.000	0.379	0.379	0.491	05/03/2022	16:25
27	CCB4		1	100	100	7.23	1.78	0.000	0.002	0.002	0.000	05/03/2022	16:25