

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB119893

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP96433
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0014

Slope: 0.768

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	2.25	0.000	0.001	0.001	-0.00		04/29/2022	10:05
2	CAL2	0.01	1	100	100	7.36	1.88	0.000	0.009	0.009	0.009	10	04/29/2022	10:06
3	CAL3	0.025	1	100	100	7.20	1.79	0.000	0.021	0.021	0.025	0	04/29/2022	10:07
4	CAL4	0.05	1	100	100	7.55	1.95	0.000	0.040	0.040	0.050	0	04/29/2022	10:08
5	CAL5	0.1	1	100	100	7.49	2.08	0.000	0.079	0.079	0.101	-1	04/29/2022	10:10
6	CAL6	0.5	1	100	100	7.62	1.95	0.000	0.384	0.384	0.498	0.4	04/29/2022	10:12
7	CAL7	1	1	100	100	7.74	1.76	0.000	0.770	0.770	1.000	0	04/29/2022	10:13

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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	7.59	2.06	0.000	0.381	0.381	0.494	04/29/2022	10:15
2	ICB		1	100	100	7.63	1.88	0.000	0.002	0.002	0.001	04/29/2022	10:16
3	CCV1	0.5	1	100	100	7.41	1.76	0.000	0.378	0.378	0.490	04/29/2022	10:20
4	CCB1		1	100	100	7.50	1.96	0.000	0.002	0.002	0.001	04/29/2022	10:21
5	RL Check	0.01	1	100	100	7.38	2.15	0.000	0.010	0.010	0.011	04/29/2022	10:25
6	PB144449BL		1	2.50	100	7.28	2.35	0.000	0.001	0.001	-0.001	04/29/2022	10:26
7	PB144449BS	20	1	2.50	100	7.30	2.20	0.000	0.356	0.356	0.462	04/29/2022	10:27
8	N2588-01		1	2.53	100	7.18	1.79	0.027	0.028	0.001	-0.001	04/29/2022	10:28
9	N2588-01DU		1	2.52	100	7.28	2.08	0.026	0.028	0.002	0.001	04/29/2022	10:29
10	N2588-01MS	40	2	2.51	100	7.34	2.35	0.022	0.106	0.084	0.108	04/29/2022	10:30
11	N2588-01MS	1284	40	2.53	100	7.29	2.16	0.018	0.628	0.610	0.792	04/29/2022	10:31
12	N2588-01MS	40	2	2.54	100	7.34	2.20	0.023	0.175	0.152	0.196	04/29/2022	10:32
13	N2588-03		1	2.57	100	7.19	1.88	0.027	0.028	0.001	-0.001	04/29/2022	10:33
14	N2600-01		1	2.56	100	7.34	1.74	0.006	0.006	0.000	-0.002	04/29/2022	10:35
15	N2600-04		1	2.55	100	7.25	1.92	0.008	0.008	0.000	-0.002	04/29/2022	10:36
16	CCV2	0.5	1	100	100	7.30	2.36	0.000	0.379	0.379	0.492	04/29/2022	10:37
17	CCB2		1	100	100	7.45	2.15	0.000	0.002	0.002	0.001	04/29/2022	10:37
18	N2604-01		1	2.59	100	7.62	2.28	0.038	0.040	0.002	0.001	04/29/2022	10:40
19	N2605-01		1	2.57	100	7.55	2.16	0.011	0.012	0.001	-0.001	04/29/2022	10:41
20	N2605-03		1	2.58	100	7.49	2.30	0.011	0.011	0.000	-0.002	04/29/2022	10:42
21	N2605-05		1	2.56	100	7.60	2.28	0.012	0.012	0.000	-0.002	04/29/2022	10:43
22	N2609-01		1	2.54	100	7.34	1.74	0.025	0.025	0.000	-0.002	04/29/2022	10:45
23	N2609-04		1	2.55	100	7.19	1.92	0.048	0.050	0.002	0.001	04/29/2022	10:46
24	N2609-07		1	2.58	100	7.28	1.82	0.028	0.029	0.001	-0.001	04/29/2022	10:47
25	N2609-10		1	2.57	100	7.29	2.05	0.022	0.023	0.001	-0.001	04/29/2022	10:48
26	N2616-01		1	2.56	100	7.34	2.34	0.015	0.016	0.001	-0.001	04/29/2022	10:49
27	N2616-04		1	2.57	100	7.19	2.40	0.025	0.026	0.001	-0.001	04/29/2022	10:50
28	CCV3	0.5	1	100	100	7.29	2.28	0.000	0.377	0.377	0.489	04/29/2022	10:51
29	CCB3		1	100	100	7.34	2.13	0.000	0.001	0.001	-0.001	04/29/2022	10:52
30	N2616-07		1	2.54	100	7.46	2.09	0.018	0.018	0.000	-0.002	04/29/2022	10:53
31	N2616-10		1	2.59	100	7.63	2.34	0.005	0.005	0.000	-0.002	04/29/2022	10:54
32	CCV4	0.5	1	100	100	7.56	2.14	0.000	0.380	0.380	0.493	04/29/2022	10:55
33	CCB4		1	100	100	7.43	2.12	0.000	0.001	0.001	-0.001	04/29/2022	10:55