

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116507

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93029
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0007

Slope: 0.7692

Regression: 0.999999

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	7.28	2.09	0.000	0.001	0.001	0.000		09/25/2021	12:35
2	CAL2	0.01	1	100	100	7.10	2.10	0.000	0.008	0.008	0.009	10	09/25/2021	12:36
3	CAL3	0.025	1	100	100	7.35	2.34	0.000	0.020	0.020	0.025	0	09/25/2021	12:37
4	CAL4	0.05	1	100	100	7.45	1.98	0.000	0.039	0.039	0.049	2	09/25/2021	12:38
5	CAL5	0.1	1	100	100	7.62	1.75	0.000	0.078	0.078	0.100	0	09/25/2021	12:39
6	CAL6	0.5	1	100	100	7.52	1.85	0.000	0.385	0.385	0.499	0.2	09/25/2021	12:40
7	CAL7	1	1	100	100	7.18	2.34	0.000	0.770	0.770	1.000	0	09/25/2021	12:41

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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	7.20	2.15	0.000	0.380	0.380	0.493	09/25/2021	12:45
2	ICB		1	100	100	7.34	2.30	0.000	0.002	0.002	0.002	09/25/2021	12:46
3	CCV1	0.5	1	100	100	7.25	1.95	0.000	0.379	0.379	0.492	09/25/2021	12:47
4	CCB1		1	100	100	7.18	1.74	0.000	0.002	0.002	0.002	09/25/2021	12:48
5	RL Check	0.01	1	100	100	7.34	1.85	0.000	0.010	0.010	0.012	09/25/2021	12:49
6	PB139344BL		1	2.50	100	7.28	2.16	0.000	0.001	0.001	0.000	09/25/2021	12:50
7	PB139344BS	20	1	2.50	100	7.45	2.30	0.002	0.356	0.354	0.459	09/25/2021	12:51
8	M3907-01		1	2.53	100	7.65	2.28	0.079	0.081	0.002	0.002	09/25/2021	12:55
9	M3907-01DU		1	2.52	100	7.52	2.20	0.080	0.082	0.002	0.002	09/25/2021	12:56
10	M3907-01MS	40	2	2.51	100	7.74	2.18	0.075	0.108	0.033	0.042	09/25/2021	12:57
11	M3907-01MS	1284	40	2.53	100	7.54	1.85	0.070	0.631	0.561	0.728	09/25/2021	12:58
12	M3907-01MS	40	2	2.54	100	7.62	1.71	0.074	0.179	0.105	0.136	09/25/2021	12:59
13	M3907-03		1	2.56	100	7.34	1.95	0.057	0.059	0.002	0.002	09/25/2021	13:00
14	M3913-01		1	2.55	100	7.08	2.30	0.080	0.082	0.002	0.002	09/25/2021	13:01
15	M3916-01		1	2.56	100	7.15	2.16	0.007	0.007	0.000	-0.001	09/25/2021	13:02
16	CCV2	0.5	1	100	100	7.62	2.09	0.000	0.378	0.378	0.491	09/25/2021	13:03
17	CCB2		1	100	100	7.52	2.40	0.000	0.001	0.001	0.000	09/25/2021	13:04
18	M3916-04		1	2.57	100	7.52	2.25	0.006	0.006	0.000	-0.001	09/25/2021	13:05
19	M3916-07		1	2.59	100	7.48	2.16	0.008	0.008	0.000	-0.001	09/25/2021	13:06
20	M3916-10		1	2.58	100	7.62	1.95	0.007	0.007	0.000	-0.001	09/25/2021	13:07
21	M3916-13		1	2.56	100	7.55	1.83	0.008	0.008	0.000	-0.001	09/25/2021	13:08
22	M3917-01		1	2.54	100	7.28	1.74	0.036	0.038	0.002	0.002	09/25/2021	13:09
23	M3917-04		1	2.57	100	7.37	2.07	0.032	0.033	0.001	0.000	09/25/2021	13:10
24	M3917-07		1	2.59	100	7.18	1.85	0.040	0.041	0.001	0.000	09/25/2021	13:11
25	M3917-10		1	2.58	100	7.28	2.05	0.051	0.053	0.002	0.002	09/25/2021	13:12
26	M3917-13		1	2.57	100	7.30	2.10	0.038	0.040	0.002	0.002	09/25/2021	13:13
27	M3917-16		1	2.56	100	7.48	2.34	0.041	0.043	0.002	0.002	09/25/2021	13:14
28	CCV3	0.5	1	100	100	7.74	2.20	0.000	0.381	0.381	0.494	09/25/2021	13:15
29	CCB3		1	100	100	7.62	2.34	0.000	0.002	0.002	0.002	09/25/2021	13:16
30	M3917-19		1	2.55	100	7.19	2.30	0.070	0.071	0.001	0.000	09/25/2021	13:17
31	M3921-01		1	2.53	100	7.28	2.16	0.023	0.024	0.001	0.000	09/25/2021	13:18
32	M3934-01		1	2.57	100	7.37	1.96	0.045	0.047	0.002	0.002	09/25/2021	13:19
33	M3934-04		1	2.59	100	7.28	1.74	0.047	0.049	0.002	0.002	09/25/2021	13:20
34	M3934-07		1	2.58	100	7.18	2.34	0.037	0.038	0.001	0.000	09/25/2021	13:21
35	M3939-02		1	2.56	100	7.37	2.25	0.077	0.079	0.002	0.002	09/25/2021	13:22
36	CCV4	0.5	1	100	100	7.65	2.14	0.000	0.378	0.378	0.491	09/25/2021	13:23
37	CCB4		1	100	100	7.47	2.26	0.000	0.001	0.001	0.000	09/25/2021	13:24