

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114769

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: 0.0014

Slope: 0.7644

Regression: 0.999994

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	7.18	2.18	0.000	0.001	0.001	-0.00		06/04/2021	09:35
2	CAL2	0.01	1	100	100	7.32	1.98	0.000	0.008	0.008	0.008	20	06/04/2021	09:35
3	CAL3	0.025	1	100	100	7.28	1.74	0.000	0.020	0.020	0.024	4	06/04/2021	09:36
4	CAL4	0.05	1	100	100	7.42	1.85	0.000	0.040	0.040	0.050	0	06/04/2021	09:37
5	CAL5	0.1	1	100	100	7.62	2.09	0.000	0.079	0.079	0.101	-1	06/04/2021	09:38
6	CAL6	0.5	1	100	100	7.55	2.34	0.000	0.385	0.385	0.501	-0.2	06/04/2021	09:39
7	CAL7	1	1	100	100	7.70	2.26	0.000	0.765	0.765	0.998	0.2	06/04/2021	09:40

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pH Meter ID: WC pH Meter-1

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	7.30	2.08	0.000	0.384	0.384	0.501	06/04/2021	09:42
2	ICB		1	100	100	7.25	1.98	0.000	0.002	0.002	0.001	06/04/2021	09:43
3	CCV1	0.5	1	100	100	7.41	1.78	0.000	0.380	0.380	0.495	06/04/2021	09:44
4	CCB1		1	100	100	7.80	1.85	0.000	0.001	0.001	-0.001	06/04/2021	09:44
5	RL Check	0.01	1	100	100	7.45	2.08	0.000	0.009	0.009	0.010	06/04/2021	09:45
6	PB136815BL		1	2.50	100	7.62	2.34	0.000	0.002	0.002	0.001	06/04/2021	09:46
7	PB136815BS	20	1	2.50	100	7.40	2.15	0.002	0.357	0.355	0.463	06/04/2021	09:47
8	M2589-01		1	2.53	100	7.38	2.28	0.030	0.032	0.002	0.001	06/04/2021	09:48
9	M2589-01DU		1	2.52	100	7.27	1.98	0.029	0.031	0.002	0.001	06/04/2021	09:49
10	M2589-01MS	40	2	2.51	100	7.17	1.74	0.025	0.107	0.082	0.105	06/04/2021	09:50
11	M2589-01MS	1284	40	2.53	100	7.08	1.85	0.020	0.652	0.632	0.825	06/04/2021	09:51
12	M2589-01MS	40	2	2.54	100	7.14	2.18	0.026	0.165	0.139	0.180	06/04/2021	09:52
13	M2589-02		1	2.56	100	7.28	2.29	0.030	0.031	0.001	-0.001	06/04/2021	09:53
14	M2589-03		1	2.55	100	7.30	2.45	0.018	0.018	0.000	-0.002	06/04/2021	09:54
15	M2589-04		1	2.52	100	7.52	2.36	0.038	0.040	0.002	0.001	06/04/2021	09:55
16	CCV2	0.5	1	100	100	7.60	2.28	0.000	0.381	0.381	0.497	06/04/2021	09:56
17	CCB2		1	100	100	7.41	2.14	0.000	0.002	0.002	0.001	06/04/2021	09:57
18	M2589-05		1	2.54	100	7.52	1.88	0.035	0.036	0.001	-0.001	06/04/2021	09:58
19	M2589-06		1	2.55	100	7.41	1.76	0.028	0.028	0.000	-0.002	06/04/2021	09:59
20	M2589-07		1	2.54	100	7.63	1.96	0.025	0.026	0.001	-0.001	06/04/2021	10:00
21	M2589-08		1	2.55	100	7.52	2.26	0.033	0.035	0.002	0.001	06/04/2021	10:01
22	M2589-09		1	2.56	100	7.20	2.17	0.011	0.011	0.000	-0.002	06/04/2021	10:02
23	M2589-10		1	2.57	100	7.45	2.38	0.040	0.041	0.001	-0.001	06/04/2021	10:03
24	M2589-11		1	2.59	100	7.62	2.40	0.017	0.017	0.000	-0.002	06/04/2021	10:04
25	M2589-12		1	2.54	100	7.74	2.25	0.021	0.022	0.001	-0.001	06/04/2021	10:05
26	M2589-13		1	2.57	100	7.20	2.14	0.014	0.014	0.000	-0.002	06/04/2021	10:06
27	M2589-14		1	2.56	100	7.41	2.37	0.034	0.035	0.001	-0.001	06/04/2021	10:07
28	CCV3	0.5	1	100	100	7.58	2.20	0.000	0.383	0.383	0.499	06/04/2021	10:08
29	CCB3		1	100	100	7.62	2.10	0.000	0.002	0.002	0.001	06/04/2021	10:09
30	M2589-15		1	2.54	100	7.50	1.98	0.028	0.028	0.000	-0.002	06/04/2021	10:10
31	M2589-16		1	2.53	100	7.40	1.78	0.025	0.026	0.001	-0.001	06/04/2021	10:11
32	M2589-17		1	2.57	100	7.35	1.82	0.028	0.029	0.001	-0.001	06/04/2021	10:12
33	M2589-18		1	2.58	100	7.19	2.09	0.016	0.016	0.000	-0.002	06/04/2021	10:13
34	M2589-19		1	2.53	100	7.26	2.34	0.011	0.011	0.000	-0.002	06/04/2021	10:14
35	M2589-20		1	2.57	100	7.40	2.29	0.033	0.034	0.001	-0.001	06/04/2021	10:15
36	CCV4	0.5	1	100	100	7.62	2.14	0.000	0.381	0.381	0.497	06/04/2021	10:16
37	CCB4		1	100	100	7.78	2.08	0.000	0.001	0.001	-0.001	06/04/2021	10:16