

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115433

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP92054
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0013

Slope: 0.7645

Regression: 0.999995

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	7.25	2.25	0.000	0.002	0.002	0.000		07/20/2021	13:35
2	CAL2	0.01	1	100	100	7.10	1.98	0.000	0.008	0.008	0.008	20	07/20/2021	13:36
3	CAL3	0.025	1	100	100	7.36	1.78	0.000	0.020	0.020	0.024	4	07/20/2021	13:37
4	CAL4	0.05	1	100	100	7.45	1.85	0.000	0.039	0.039	0.049	2	07/20/2021	13:38
5	CAL5	0.1	1	100	100	7.65	2.09	0.000	0.078	0.078	0.100	0	07/20/2021	13:39
6	CAL6	0.5	1	100	100	7.52	2.14	0.000	0.385	0.385	0.501	-0.2	07/20/2021	13:40
7	CAL7	1	1	100	100	7.62	2.34	0.000	0.765	0.765	0.998	0.2	07/20/2021	13:41

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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	7.74	2.08	0.000	0.384	0.384	0.501	07/20/2021	13:44
2	ICB		1	100	100	7.62	1.95	0.000	0.001	0.001	0.000	07/20/2021	13:45
3	CCV1	0.5	1	100	100	7.27	1.74	0.000	0.381	0.381	0.497	07/20/2021	13:46
4	CCB1		1	100	100	7.18	1.85	0.000	0.001	0.001	0.000	07/20/2021	13:47
5	RL Check	0.01	1	100	100	7.37	2.34	0.000	0.010	0.010	0.011	07/20/2021	13:48
6	PB137805BL		1	2.50	100	7.24	2.26	0.000	0.002	0.002	0.001	07/20/2021	13:49
7	PB137805BS	20	1	2.50	100	7.34	2.14	0.003	0.350	0.347	0.452	07/20/2021	13:50
8	M3093-01		1	2.53	100	7.58	2.28	0.040	0.042	0.002	0.001	07/20/2021	13:51
9	M3093-01DU		1	2.52	100	7.82	2.30	0.039	0.041	0.002	0.001	07/20/2021	13:52
10	M3093-01MS	40	2	2.51	100	7.47	2.14	0.037	0.086	0.049	0.062	07/20/2021	13:53
11	M3093-01MS	1284	40	2.53	100	7.28	1.88	0.030	0.645	0.615	0.803	07/20/2021	13:54
12	M3093-01MS	40	2	2.54	100	7.30	1.95	0.035	0.105	0.070	0.090	07/20/2021	13:55
13	M3093-02		1	2.56	100	7.41	1.74	0.072	0.074	0.002	0.001	07/20/2021	13:56
14	M3093-03		1	2.55	100	7.28	1.82	0.051	0.052	0.001	0.000	07/20/2021	13:57
15	M3093-04		1	2.56	100	7.46	2.09	0.042	0.044	0.002	0.001	07/20/2021	13:58
16	CCV2	0.5	1	100	100	7.53	1.95	0.000	0.382	0.382	0.498	07/20/2021	13:59
17	CCB2		1	100	100	7.62	1.75	0.000	0.002	0.002	0.001	07/20/2021	14:00
18	M3093-05		1	2.55	100	7.19	1.85	0.062	0.063	0.001	0.000	07/20/2021	14:02
19	M3093-06		1	2.57	100	7.28	2.08	0.072	0.074	0.002	0.001	07/20/2021	14:03
20	CCV3	0.5	1	100	100	7.58	2.14	0.000	0.379	0.379	0.494	07/20/2021	14:04
21	CCB3		1	100	100	7.64	2.09	0.000	0.002	0.002	0.001	07/20/2021	14:05