

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115717

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP92357
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0012

Slope: 0.7642

Regression: 0.999998

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	7.30	2.27	0.000	0.002	0.002	0.001		08/05/2021	13:40
2	CAL2	0.01	1	100	100	7.29	2.14	0.000	0.008	0.008	0.008	20	08/05/2021	13:41
3	CAL3	0.025	1	100	100	7.08	2.35	0.000	0.020	0.020	0.024	4	08/05/2021	13:42
4	CAL4	0.05	1	100	100	7.18	2.09	0.000	0.039	0.039	0.049	2	08/05/2021	13:43
5	CAL5	0.1	1	100	100	7.62	2.17	0.000	0.078	0.078	0.100	0	08/05/2021	13:44
6	CAL6	0.5	1	100	100	7.45	2.28	0.000	0.384	0.384	0.500	0	08/05/2021	13:45
7	CAL7	1	1	100	100	7.52	1.95	0.000	0.765	0.765	0.999	0.1	08/05/2021	13:46

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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	0.379	0.379	0.494	08/05/2021	13:50
2	ICB		1	100	100	7.62	2.10	0.000	0.001	0.001	0.000	08/05/2021	13:51
3	CCV1	0.5	1	100	100	7.40	2.34	0.000	0.380	0.380	0.496	08/05/2021	16:40
4	CCB1		1	100	100	7.28	2.18	0.000	0.002	0.002	0.001	08/05/2021	16:41
5	RL Check	0.01	1	100	100	7.37	2.25	0.000	0.010	0.010	0.012	08/05/2021	16:42
6	PB138200BL		1	2.50	100	7.65	1.95	0.000	0.001	0.001	0.000	08/05/2021	16:43
7	PB138200BS	20	1	2.50	100	7.85	1.78	0.001	0.362	0.361	0.471	08/05/2021	16:44
8	M3291-01		1	2.55	100	7.62	1.85	0.060	0.061	0.001	0.000	08/05/2021	16:45
9	M3291-01DU		1	2.56	100	7.74	2.37	0.059	0.060	0.001	0.000	08/05/2021	16:46
10	M3291-01MS	40	2	2.53	100	7.46	2.14	0.055	0.322	0.267	0.348	08/05/2021	16:47
11	M3291-01MS	1284	40	2.56	100	7.66	2.35	0.050	0.634	0.584	0.763	08/05/2021	16:48
12	M3291-01MS	40	2	2.54	100	7.50	2.28	0.056	0.331	0.275	0.358	08/05/2021	16:49
13	M3291-04		1	2.56	100	7.41	2.13	0.030	0.030	0.000	-0.002	08/05/2021	16:50
14	M3295-01		1	2.55	100	7.86	2.09	0.042	0.043	0.001	0.000	08/05/2021	16:51
15	M3296-01		1	2.53	100	7.46	2.28	0.071	0.080	0.009	0.010	08/05/2021	16:52
16	CCV2	0.5	1	100	100	7.85	1.77	0.000	0.377	0.377	0.492	08/05/2021	16:53
17	CCB2		1	100	100	7.46	1.95	0.000	0.002	0.002	0.001	08/05/2021	16:54
18	M3299-01		1	2.55	100	7.64	1.85	0.078	0.078	0.000	-0.002	08/05/2021	16:55
19	M3299-02		1	2.57	100	7.58	1.93	0.085	0.086	0.001	0.000	08/05/2021	16:56
20	CCV3	0.5	1	100	100	7.85	2.08	0.000	0.381	0.381	0.497	08/05/2021	16:57
21	CCB3		1	100	100	7.62	1.78	0.000	0.001	0.001	0.000	08/05/2021	16:58