

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118009

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94515
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0011

Slope: 0.7687

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	7.15	2.08	0.000	0.001	0.001	-0.00		12/29/2021	12:10
2	CAL2	0.01	1	100	100	7.34	1.97	0.000	0.009	0.009	0.010	0	12/29/2021	12:11
3	CAL3	0.025	1	100	100	7.25	1.75	0.000	0.020	0.020	0.024	4	12/29/2021	12:12
4	CAL4	0.05	1	100	100	7.70	2.10	0.000	0.040	0.040	0.050	0	12/29/2021	12:13
5	CAL5	0.1	1	100	100	7.28	2.35	0.000	0.078	0.078	0.100	0	12/29/2021	12:14
6	CAL6	0.5	1	100	100	7.18	2.20	0.000	0.385	0.385	0.499	0.2	12/29/2021	12:15
7	CAL7	1	1	100	100	7.34	1.89	0.000	0.770	0.770	1.000	0	12/29/2021	12:16



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Run Number: LB118009

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	7.28	2.09	0.000	0.382	0.382	0.496	12/29/2021	12:20
2	ICB		1	100	100	7.18	1.88	0.000	0.002	0.002	0.001	12/29/2021	12:21
3	CCV1	0.5	1	100	100	7.09	1.74	0.000	0.380	0.380	0.493	12/29/2021	12:22
4	CCB1		1	100	100	7.62	1.96	0.000	0.001	0.001	0.000	12/29/2021	12:23
5	RL Check	0.01	1	100	100	7.34	2.30	0.000	0.010	0.010	0.012	12/29/2021	12:25
6	PB141748BL		1	2.50	100	7.28	2.14	0.000	0.001	0.001	0.000	12/29/2021	12:26
7	PB141748BS	20	1	2.50	100	7.14	2.25	0.002	0.353	0.351	0.455	12/29/2021	12:30
8	M5237-01		1	2.53	100	7.34	1.74	0.044	0.045	0.001	0.000	12/29/2021	12:31
9	M5237-01DU		1	2.55	100	7.25	1.95	0.043	0.045	0.002	0.001	12/29/2021	12:32
10	M5237-01MS	40	2	2.52	100	7.22	1.82	0.040	0.130	0.090	0.116	12/29/2021	12:33
11	M5237-01MS	1284	40	2.53	100	7.18	2.40	0.035	0.628	0.593	0.770	12/29/2021	12:35
12	M5237-01MS	40	2	2.54	100	7.36	1.98	0.041	0.185	0.144	0.186	12/29/2021	12:36
13	M5237-04		1	2.56	100	7.47	1.76	0.035	0.037	0.002	0.001	12/29/2021	12:37
14	M5241-01		1	2.58	100	7.58	1.82	0.046	0.047	0.001	0.000	12/29/2021	12:38
15	M5241-04		1	2.57	100	7.34	2.09	0.022	0.023	0.001	0.000	12/29/2021	12:40
16	CCV2	0.5	1	100	100	7.28	1.82	0.000	0.379	0.379	0.492	12/29/2021	12:41
17	CCB2		1	100	100	7.14	2.35	0.000	0.002	0.002	0.001	12/29/2021	12:42