



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB119007

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP95538
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0015

Slope: 0.7687

Regression: 0.999993

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		03/04/2022	12:20
2	CAL2	0.01	1	100	100	7.35	1.88	0.000	0.009	0.009	0.009	10	03/04/2022	12:21
3	CAL3	0.025	1	100	100	7.28	1.79	0.000	0.021	0.021	0.025	0	03/04/2022	12:22
4	CAL4	0.05	1	100	100	7.62	1.95	0.000	0.040	0.040	0.050	0	03/04/2022	12:23
5	CAL5	0.1	1	100	100	7.45	2.30	0.000	0.080	0.080	0.102	-2	03/04/2022	12:24
6	CAL6	0.5	1	100	100	7.52	2.18	0.000	0.384	0.384	0.497	0.6	03/04/2022	12:25
7	CAL7	1	1	100	100	7.18	2.25	0.000	0.771	0.771	1.001	-0.1	03/04/2022	12:26

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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	7.34	2.13	0.000	0.382	0.382	0.495	03/04/2022	12:30
2	ICB		1	100	100	7.28	2.34	0.000	0.001	0.001	-0.001	03/04/2022	12:31
3	CCV1	0.5	1	100	100	7.34	2.25	0.000	0.379	0.379	0.491	03/04/2022	12:32
4	CCB1		1	100	100	7.18	1.88	0.000	0.002	0.002	0.001	03/04/2022	12:33
5	RL Check	0.01	1	100	100	7.28	1.79	0.000	0.010	0.010	0.011	03/04/2022	12:34
6	PB143107BL		1	2.50	100	7.34	1.85	0.000	0.002	0.002	0.001	03/04/2022	12:35
7	PB143107BS	20	1	2.50	100	7.46	1.92	0.000	0.356	0.356	0.461	03/04/2022	12:36
8	N1774-01		1	2.53	100	7.52	2.08	0.051	0.053	0.002	0.001	03/04/2022	12:37
9	N1774-01DU		1	2.52	100	7.62	2.10	0.050	0.052	0.002	0.001	03/04/2022	12:38
10	N1774-01MS	40	2	2.51	100	7.70	2.34	0.047	0.351	0.304	0.394	03/04/2022	12:40
11	N1774-01MS	1284	40	2.53	100	7.29	2.28	0.042	0.639	0.597	0.775	03/04/2022	12:41
12	N1774-01MS	40	2	2.54	100	7.34	1.89	0.046	0.389	0.343	0.444	03/04/2022	12:42
13	N1774-03		1	2.56	100	7.18	1.96	0.079	0.080	0.001	-0.001	03/04/2022	12:43
14	N1785-01		1	2.53	100	7.28	1.74	0.054	0.055	0.001	-0.001	03/04/2022	12:44
15	CCV2	0.5	1	100	100	7.36	2.18	0.000	0.378	0.378	0.490	03/04/2022	12:45
16	CCB2		1	100	100	7.18	2.30	0.000	0.002	0.002	0.001	03/04/2022	12:45