

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB121307

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP98137
Calibration Std. hexchrome 0.05 ppm	WP98138
calibration std. hexchrome 0.01 ppm	WP98139
calibration std. hexchrome 0 ppm	WP98141
hexavalent chromium color reagent	WP98143
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
HEX LOD STD, 0.005PPM	WP98144
Hexchrome Cleaning Solution	WP95568
Hex LOQ Std, 0.01PPM	WP98145
Calibration Std Hexachrome 0.025 ppm	WP98140
Hexavalent Chromium ICV-LCS Std	WP98142

Intercept: 0.0016

Slope: 0.7642

Regression: 0.999991

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	2.24	0.000	0.001	0.001	-0.00		08/01/2022	14:15
2	CAL2	0.01	1	100	100	7.35	2.30	0.000	0.008	0.008	0.008	20	08/01/2022	14:16
3	CAL3	0.025	1	100	100	7.45	2.15	0.000	0.020	0.020	0.024	4	08/01/2022	14:17
4	CAL4	0.05	1	100	100	7.62	1.89	0.000	0.040	0.040	0.050	0	08/01/2022	14:18
5	CAL5	0.1	1	100	100	7.28	1.74	0.000	0.080	0.080	0.102	-2	08/01/2022	14:19
6	CAL6	0.5	1	100	100	7.36	1.85	0.000	0.385	0.385	0.501	-0.2	08/01/2022	14:20
7	CAL7	1	1	100	100	7.58	2.34	0.000	0.765	0.765	0.998	0.2	08/01/2022	14:21

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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	7.48	2.15	0.000	0.380	0.380	0.495	08/01/2022	14:25
2	ICB		1	100	100	7.62	2.30	0.000	0.002	0.002	0.001	08/01/2022	14:26
3	CCV1	0.5	1	100	100	7.45	2.25	0.000	0.382	0.382	0.498	08/01/2022	14:27
4	CCB1		1	100	100	7.58	2.30	0.000	0.002	0.002	0.001	08/01/2022	14:28
5	RL Check	0.01	1	100	100	7.27	2.15	0.000	0.010	0.010	0.011	08/01/2022	14:29
6	PB146593BL		1	2.50	100	7.74	1.88	0.000	0.002	0.002	0.001	08/01/2022	14:30
7	PB146593BS	20	1	2.50	100	7.58	1.78	0.000	0.353	0.353	0.460	08/01/2022	14:32
8	N3920-01		1	2.53	100	7.37	1.95	0.028	0.029	0.001	-0.001	08/01/2022	14:33
9	N3920-01DU		1	2.52	100	7.19	2.35	0.027	0.029	0.002	0.001	08/01/2022	14:35
10	N3920-01MS	40	2	2.51	100	7.28	2.20	0.025	0.340	0.315	0.410	08/01/2022	14:36
11	N3920-01MS	1284	40	2.53	100	7.08	2.14	0.020	0.622	0.602	0.786	08/01/2022	14:37
12	N3920-01MS	40	2	2.54	100	7.15	1.78	0.024	0.376	0.352	0.459	08/01/2022	14:38
13	N3964-01		1	2.51	100	7.34	1.95	0.009	0.009	0.000	-0.002	08/01/2022	14:40
14	N3964-03		1	2.55	100	7.29	2.20	0.013	0.013	0.000	-0.002	08/01/2022	14:41
15	N3964-05		1	2.52	100	7.24	1.79	0.010	0.010	0.000	-0.002	08/01/2022	14:42
16	CCV2	0.5	1	100	100	7.36	1.95	0.000	0.379	0.379	0.494	08/01/2022	14:43
17	CCB2		1	100	100	7.05	1.85	0.000	0.001	0.001	-0.001	08/01/2022	14:44
18	N3976-01		1	2.54	100	7.78	2.35	0.011	0.019	0.008	0.008	08/01/2022	14:45
19	N3976-03		1	2.57	100	7.85	2.15	0.026	0.026	0.000	-0.002	08/01/2022	14:46
20	N3976-05		1	2.55	100	7.43	1.85	0.057	0.058	0.001	-0.001	08/01/2022	14:47
21	N3979-01		1	2.54	100	7.18	1.96	0.028	0.029	0.001	-0.001	08/01/2022	14:48
22	N3980-01		1	2.50	100	7.34	1.74	0.000	0.005	0.005	0.004	08/01/2022	14:50
23	N3980-02		1	2.50	100	7.19	2.30	0.000	0.010	0.010	0.011	08/01/2022	14:51
24	CCV3	0.5	1	100	100	7.25	2.15	0.000	0.379	0.379	0.494	08/01/2022	14:52
25	CCB3		1	100	100	7.36	2.25	0.000	0.002	0.002	0.001	08/01/2022	14:52