



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: mohammad

Run Number: LB120942

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP97697
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0014

Slope: 0.764

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	2.15	0.000	0.001	0.001	-0.00		07/05/2022	10:40
2	CAL2	0.01	1	100	100	7.34	2.34	0.000	0.009	0.009	0.009	10	07/05/2022	10:41
3	CAL3	0.025	1	100	100	7.18	2.19	0.000	0.020	0.020	0.024	4	07/05/2022	10:42
4	CAL4	0.05	1	100	100	7.35	1.88	0.000	0.040	0.040	0.050	0	07/05/2022	10:43
5	CAL5	0.1	1	100	100	7.28	1.76	0.000	0.078	0.078	0.100	0	07/05/2022	10:44
6	CAL6	0.5	1	100	100	7.05	1.95	0.000	0.384	0.384	0.500	0	07/05/2022	10:45
7	CAL7	1	1	100	100	7.62	2.08	0.000	0.765	0.765	0.999	0.1	07/05/2022	10:46

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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	7.45	2.18	0.000	0.381	0.381	0.497	07/05/2022	10:50
2	ICB		1	100	100	7.52	2.30	0.000	0.002	0.002	0.001	07/05/2022	10:51
3	CCV1	0.5	1	100	100	7.70	2.28	0.000	0.377	0.377	0.492	07/05/2022	10:52
4	CCB1		1	100	100	7.28	1.88	0.000	0.001	0.001	-0.001	07/05/2022	10:53
5	RL Check	0.01	1	100	100	7.37	1.75	0.000	0.010	0.010	0.011	07/05/2022	10:55
6	PB146002BL		1	2.50	100	7.60	1.92	0.000	0.001	0.001	-0.001	07/05/2022	10:56
7	PB146002BS	20	1	2.50	100	7.18	2.30	0.000	0.355	0.355	0.463	07/05/2022	10:57
8	N3564-01		1	2.55	100	7.28	2.15	0.009	0.009	0.000	-0.002	07/05/2022	10:58
9	N3564-01DU		1	2.53	100	7.61	1.88	0.010	0.011	0.001	-0.001	07/05/2022	10:59
10	N3564-01MS	40	2	2.52	100	7.34	1.74	0.007	0.308	0.301	0.392	07/05/2022	11:02
11	N3564-01MS	1284	40	2.53	100	7.26	1.92	0.005	0.605	0.600	0.784	07/05/2022	11:03
12	N3564-01MS	40	2	2.54	100	7.46	2.05	0.008	0.355	0.347	0.452	07/05/2022	11:04
13	N3564-06		1	2.56	100	7.58	1.74	0.032	0.033	0.001	-0.001	07/05/2022	11:05
14	N3564-11		1	2.55	100	7.34	1.92	0.012	0.012	0.000	-0.002	07/05/2022	11:06
15	N3564-16		1	2.59	100	7.26	2.08	0.030	0.032	0.002	0.001	07/05/2022	11:08
16	CCV2	0.5	1	100	100	7.46	1.95	0.000	0.379	0.379	0.494	07/05/2022	11:10
17	CCB2		1	100	100	7.34	1.72	0.000	0.001	0.001	-0.001	07/05/2022	11:12
18	N3564-21		1	2.57	100	7.50	1.82	0.050	0.052	0.002	0.001	07/05/2022	11:13
19	N3564-26		1	2.56	100	7.63	1.73	0.024	0.025	0.001	-0.001	07/05/2022	11:15
20	N3564-31		1	2.55	100	7.72	1.92	0.079	0.080	0.001	-0.001	07/05/2022	11:16
21	N3568-01		1	2.54	100	7.05	1.82	0.017	0.018	0.001	-0.001	07/05/2022	11:18
22	N3571-01		1	2.57	100	7.62	2.09	0.009	0.010	0.001	-0.001	07/05/2022	11:19
23	CCV3	0.5	1	100	100	7.42	2.16	0.000	0.380	0.380	0.496	07/05/2022	11:20
24	CCB3		1	100	100	7.28	2.30	0.000	0.002	0.002	0.001	07/05/2022	11:20