



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: jignesh

Run Number: LB123147

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP100139
5N sulfuric acid	WP99758
HNO3 Hex-Chrome, 5M	WP99757
Hexchrome Cleaning Solution	WP98731

Intercept: 0.0008

Slope: 0.7699

Regression: 0.999997

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	7.48	1.88	0.000	0.000	0.000	-0.00		12/07/2022	12:10
2	CAL2	0.01	1	100	100	7.18	2.07	0.000	0.008	0.008	0.009	10	12/07/2022	12:11
3	CAL3	0.025	1	100	100	7.61	2.29	0.000	0.021	0.021	0.026	-4	12/07/2022	12:12
4	CAL4	0.05	1	100	100	7.08	2.11	0.000	0.040	0.040	0.050	0	12/07/2022	12:13
5	CAL5	0.1	1	100	100	7.73	1.86	0.000	0.078	0.078	0.100	0	12/07/2022	12:14
6	CAL6	0.5	1	100	100	7.88	1.78	0.000	0.385	0.385	0.499	0.2	12/07/2022	12:15
7	CAL7	1	1	100	100	7.54	2.03	0.000	0.771	0.771	1.000	0	12/07/2022	12:16



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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	7.60	1.58	0.000	0.380	0.380	0.493	12/07/2022	12:17
2	ICB		1	100	100	7.88	2.34	0.000	0.001	0.001	0.000	12/07/2022	12:18
3	CCV1	0.5	1	100	100	7.43	2.17	0.000	0.378	0.378	0.490	12/07/2022	12:19
4	CCB1		1	100	100	7.27	2.25	0.000	0.002	0.002	0.002	12/07/2022	12:20
5	RL Check	0.01	1	100	100	7.22	1.70	0.000	0.009	0.009	0.011	12/07/2022	12:21
6	PB149374BL		1	2.50	100	7.59	1.76	0.000	0.002	0.002	0.002	12/07/2022	12:22
7	PB149374BS	20	1	2.50	100	7.62	1.69	0.000	0.386	0.386	0.500	12/07/2022	12:23
8	N5791-01		1	2.53	100	7.66	2.09	0.032	0.033	0.001	0.000	12/07/2022	12:24
9	N5793-01		1	2.55	100	7.18	2.42	0.007	0.009	0.002	0.002	12/07/2022	12:25
10	N5793-03		1	2.52	100	7.24	1.86	0.003	0.005	0.002	0.002	12/07/2022	12:26
11	N5803-01		1	2.51	100	7.55	1.70	0.007	0.007	0.000	-0.001	12/07/2022	12:27
12	N5804-01		1	2.53	100	7.06	2.01	0.004	0.005	0.001	0.000	12/07/2022	12:28
13	N5833-01		1	2.57	100	7.17	2.35	0.018	0.019	0.001	0.000	12/07/2022	12:29
14	N5844-01		1	2.53	100	7.82	2.10	0.005	0.007	0.002	0.002	12/07/2022	12:30
15	N5849-01		1	2.54	100	7.46	1.76	0.007	0.009	0.002	0.002	12/07/2022	12:31
16	CCV2	0.5	1	100	100	7.33	1.58	0.000	0.381	0.381	0.494	12/07/2022	12:32
17	CCB2		1	100	100	7.86	1.52	0.000	0.002	0.002	0.002	12/07/2022	12:33
18	N5868-01		1	2.52	100	7.90	2.16	0.011	0.013	0.002	0.002	12/07/2022	12:34
19	N5883-01		1	2.53	100	7.48	2.27	0.003	0.003	0.000	-0.001	12/07/2022	12:35
20	N5884-01		1	2.54	100	7.37	1.87	0.011	0.013	0.002	0.002	12/07/2022	12:36
21	N5895-01		1	2.51	100	7.64	2.30	0.008	0.010	0.002	0.002	12/07/2022	12:37
22	N5895-01DU		1	2.52	100	7.18	2.41	0.006	0.008	0.002	0.002	12/07/2022	12:38
23	N5895-01MS	40	2	2.54	100	7.72	1.90	0.005	0.313	0.308	0.399	12/07/2022	12:39
24	N5895-01MS	1284	40	2.51	100	7.18	1.97	0.003	0.608	0.605	0.785	12/07/2022	12:40
25	N5895-01MS	40	2	2.53	100	7.66	2.05	0.007	0.384	0.377	0.489	12/07/2022	12:41
26	N5897-01		1	2.55	100	7.58	1.63	0.015	0.017	0.002	0.002	12/07/2022	12:42
27	N5900-01		1	2.52	100	7.24	1.59	0.022	0.024	0.002	0.002	12/07/2022	12:43
28	CCV3	0.5	1	100	100	7.28	2.03	0.000	0.379	0.379	0.491	12/07/2022	12:44
29	CCB3		1	100	100	7.79	2.44	0.000	0.002	0.002	0.002	12/07/2022	12:45