

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Jignesh

Run Number: LB121782

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP98694
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP98731

Intercept: 0.0009

Slope: 0.7706

Regression: 0.999994

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	7.20	2.08	0.000	0.000	0.000	-0.00		08/29/2022	12:03
2	CAL2	0.01	1	100	100	7.16	1.88	0.000	0.008	0.008	0.009	10	08/29/2022	12:04
3	CAL3	0.025	1	100	100	7.32	2.15	0.000	0.020	0.020	0.024	4	08/29/2022	12:05
4	CAL4	0.05	1	100	100	7.40	2.30	0.000	0.041	0.041	0.052	-4	08/29/2022	12:06
5	CAL5	0.1	1	100	100	7.60	1.79	0.000	0.079	0.079	0.101	-1	08/29/2022	12:07
6	CAL6	0.5	1	100	100	7.52	1.95	0.000	0.385	0.385	0.498	0.4	08/29/2022	12:08
7	CAL7	1	1	100	100	7.18	1.80	0.000	0.772	0.772	1.000	0	08/29/2022	12:09



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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	7.08	2.05	0.000	0.382	0.382	0.495	08/29/2022	12:12
2	ICB		1	100	100	7.62	1.79	0.000	0.001	0.001	0.000	08/29/2022	12:13
3	CCV1	0.5	1	100	100	7.46	1.95	0.000	0.380	0.380	0.492	08/29/2022	12:14
4	CCB1		1	100	100	7.52	1.82	0.000	0.000	0.000	-0.001	08/29/2022	12:15
5	RL Check	0.01	1	100	100	7.24	2.30	0.000	0.009	0.009	0.011	08/29/2022	12:16
6	PB147315BL		1	2.50	100	7.42	2.15	0.000	0.000	0.000	-0.001	08/29/2022	12:17
7	PB147315BS	20	1	2.50	100	7.22	2.25	0.000	0.365	0.365	0.472	08/29/2022	12:18
8	N4375-01		1	2.57	100	7.28	1.74	0.002	0.002	0.000	-0.001	08/29/2022	12:19
9	N4375-04		1	2.51	100	7.30	1.92	0.012	0.013	0.001	0.000	08/29/2022	12:20
10	N4375-07		1	2.55	100	7.25	1.82	0.004	0.005	0.001	0.000	08/29/2022	12:21
11	N4375-10		1	2.54	100	7.42	2.08	0.008	0.009	0.001	0.000	08/29/2022	12:22
12	N4378-01		1	2.56	100	7.08	2.10	0.014	0.015	0.001	0.000	08/29/2022	12:23
13	N4378-01DU		1	2.53	100	7.08	2.35	0.014	0.014	0.000	-0.001	08/29/2022	12:24
14	N4378-01MS	40	2	2.57	100	7.05	2.25	0.012	0.346	0.334	0.432	08/29/2022	12:25
15	N4378-01MS	1284	40	2.54	100	7.09	1.87	0.012	0.620	0.608	0.788	08/29/2022	12:26
16	CCV2	0.5	1	100	100	7.52	1.76	0.000	0.386	0.386	0.500	08/29/2022	12:27
17	CCB2		1	100	100	7.18	1.92	0.000	0.000	0.000	-0.001	08/29/2022	12:28
18	N4378-01MS	40	2	2.56	100	7.05	2.06	0.012	0.406	0.394	0.510	08/29/2022	12:29
19	N4414-01		1	2.54	100	7.34	2.14	0.000	0.000	0.000	-0.001	08/29/2022	12:30
20	N4416-01		1	2.55	100	7.19	2.20	0.022	0.023	0.001	0.000	08/29/2022	12:31
21	N4417-01		1	2.57	100	7.28	1.87	0.007	0.008	0.001	0.000	08/29/2022	12:32
22	N4421-01		1	2.53	100	7.34	1.93	0.014	0.015	0.001	0.000	08/29/2022	12:33
23	N4421-06		1	2.52	100	7.24	1.85	0.023	0.024	0.001	0.000	08/29/2022	12:34
24	N4421-11		1	2.54	100	7.54	2.07	0.001	0.001	0.000	-0.001	08/29/2022	12:35
25	N4423-01		1	2.53	100	7.41	2.31	0.006	0.007	0.001	0.000	08/29/2022	12:36
26	N4423-04		1	2.55	100	7.27	2.08	0.003	0.004	0.001	0.000	08/29/2022	12:38
27	CCV3	0.5	1	100	100	7.42	2.10	0.000	0.378	0.378	0.489	08/29/2022	12:39
28	CCB3		1	100	100	7.28	2.35	0.000	0.001	0.001	0.000	08/29/2022	12:40