



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB120275

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP96844
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0011

Slope: 0.7671

Regression: 0.999998

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	7.18	2.08	0.000	0.002	0.002	0.001		05/20/2022	12:20
2	CAL2	0.01	1	100	100	7.35	2.15	0.000	0.008	0.008	0.008	20	05/20/2022	12:36
3	CAL3	0.025	1	100	100	7.25	2.30	0.000	0.020	0.020	0.024	4	05/20/2022	12:37
4	CAL4	0.05	1	100	100	7.42	1.88	0.000	0.039	0.039	0.049	2	05/20/2022	12:38
5	CAL5	0.1	1	100	100	7.62	1.79	0.000	0.078	0.078	0.100	0	05/20/2022	12:39
6	CAL6	0.5	1	100	100	7.52	1.95	0.000	0.385	0.385	0.500	0	05/20/2022	12:40
7	CAL7	1	1	100	100	7.74	2.30	0.000	0.768	0.768	0.999	0.1	05/20/2022	12:41

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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	7.52	2.15	0.000	0.383	0.383	0.498	05/20/2022	12:45
2	ICB		1	100	100	7.62	2.35	0.000	0.002	0.002	0.001	05/20/2022	12:46
3	CCV1	0.5	1	100	100	7.34	2.20	0.000	0.381	0.381	0.495	05/20/2022	12:47
4	CCB1		1	100	100	7.18	1.79	0.000	0.001	0.001	0.000	05/20/2022	12:48
5	RL Check	0.01	1	100	100	7.20	1.95	0.000	0.009	0.009	0.010	05/20/2022	12:49
6	PB144953BL		1	2.50	100	7.34	1.82	0.000	0.001	0.001	0.000	05/20/2022	12:50
7	PB144953BS	20	1	2.50	100	7.60	2.08	0.000	0.356	0.356	0.463	05/20/2022	12:51
8	N2834-01		1	2.53	100	7.18	2.10	0.044	0.046	0.002	0.001	05/20/2022	12:52
9	N2834-01DU		1	2.52	100	7.34	2.30	0.043	0.045	0.002	0.001	05/20/2022	12:53
10	N2834-01MS	40	2	2.51	100	7.29	2.28	0.040	0.143	0.103	0.133	05/20/2022	12:54
11	N2834-01MS	1284	40	2.53	100	7.34	2.20	0.035	0.629	0.594	0.773	05/20/2022	12:55
12	N2834-01MS	40	2	2.54	100	7.29	1.88	0.039	0.171	0.132	0.171	05/20/2022	12:56
13	N2938-01		1	2.51	100	7.56	1.79	0.040	0.042	0.002	0.001	05/20/2022	12:57
14	N2940-02		1	2.56	100	7.49	1.92	0.024	0.025	0.001	0.000	05/20/2022	12:58
15	N2942-01		1	2.55	100	7.72	2.14	0.037	0.038	0.001	0.000	05/20/2022	12:59
16	CCV2	0.5	1	100	100	7.60	2.30	0.000	0.379	0.379	0.493	05/20/2022	13:00
17	CCB2		1	100	100	7.19	2.28	0.000	0.001	0.001	0.000	05/20/2022	13:01
18	N2959-02		1	2.58	100	7.08	1.74	0.036	0.038	0.002	0.001	05/20/2022	13:02
19	N2964-01		1	2.56	100	7.34	1.69	0.016	0.016	0.000	-0.001	05/20/2022	13:03
20	CCV3	0.5	1	100	100	7.46	1.74	0.000	0.378	0.378	0.491	05/20/2022	13:04
21	CCB3		1	100	100	7.52	1.82	0.000	0.002	0.002	0.001	05/20/2022	13:05