

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117153

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93697
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0015

Slope: 0.7684

Regression: 0.999996

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	2.08	0.000	0.001	0.001	-0.00		11/03/2021	13:10
2	CAL2	0.01	1	100	100	7.32	2.10	0.000	0.009	0.009	0.009	10	11/03/2021	13:11
3	CAL3	0.025	1	100	100	7.45	2.35	0.000	0.020	0.020	0.024	4	11/03/2021	13:12
4	CAL4	0.05	1	100	100	7.08	1.88	0.000	0.040	0.040	0.050	0	11/03/2021	13:13
5	CAL5	0.1	1	100	100	7.41	1.74	0.000	0.080	0.080	0.102	-2	11/03/2021	13:15
6	CAL6	0.5	1	100	100	7.62	1.98	0.000	0.385	0.385	0.499	0.2	11/03/2021	13:16
7	CAL7	1	1	100	100	7.50	1.85	0.000	0.770	0.770	1.000	0	11/03/2021	13:18

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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	7.71	2.08	0.000	0.385	0.385	0.499	11/03/2021	13:20
2	ICB		1	100	100	7.70	1.88	0.000	0.002	0.002	0.001	11/03/2021	13:21
3	CCV1	0.5	1	100	100	7.56	1.95	0.000	0.380	0.380	0.493	11/03/2021	13:22
4	CCB1		1	100	100	7.41	1.78	0.000	0.002	0.002	0.001	11/03/2021	13:23
5	RL Check	0.01	1	100	100	7.34	2.10	0.000	0.010	0.010	0.011	11/03/2021	13:25
6	PB140462BL		1	2.50	100	7.40	2.35	0.000	0.001	0.001	-0.001	11/03/2021	13:26
7	PB140462BS	20	1	2.50	100	7.25	2.25	0.000	0.358	0.358	0.464	11/03/2021	13:27
8	M4470-01		1	2.53	100	7.14	2.41	0.080	0.082	0.002	0.001	11/03/2021	13:30
9	M4470-01DU		1	2.52	100	7.34	2.25	0.079	0.080	0.001	-0.001	11/03/2021	13:31
10	M4470-01MS	40	2	2.51	100	7.28	2.14	0.076	0.216	0.140	0.180	11/03/2021	13:32
11	M4470-01MS	1284	40	2.53	100	7.10	2.35	0.070	0.629	0.559	0.726	11/03/2021	13:33
12	M4470-01MS	40	2	2.57	100	7.34	2.09	0.075	0.350	0.275	0.356	11/03/2021	13:35
13	M4470-04		1	2.56	100	7.20	1.86	0.065	0.067	0.002	0.001	11/03/2021	13:36
14	M4470-07		1	2.55	100	7.18	1.74	0.068	0.070	0.002	0.001	11/03/2021	13:37
15	M4472-01		1	2.56	100	7.23	1.95	0.031	0.033	0.002	0.001	11/03/2021	13:38
16	CCV2	0.5	1	100	100	7.14	2.08	0.000	0.381	0.381	0.494	11/03/2021	13:40
17	CCB2		1	100	100	7.08	1.74	0.000	0.002	0.002	0.001	11/03/2021	13:41
18	M4472-04		1	2.55	100	7.14	1.95	0.058	0.060	0.002	0.001	11/03/2021	13:42
19	M4472-07		1	2.57	100	7.34	1.85	0.027	0.028	0.001	-0.001	11/03/2021	13:43
20	CCV3	0.5	1	100	100	7.28	2.30	0.000	0.379	0.379	0.491	11/03/2021	13:44
21	CCB3		1	100	100	7.48	2.16	0.000	0.000	0.000	-0.002	11/03/2021	13:45