

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115714

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP92357
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0012

Slope: 0.7642

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	7.15	2.27	0.000	0.002	0.002	0.001		08/05/2021	13:40
2	CAL2	0.01	1	100	100	7.35	2.14	0.000	0.008	0.008	0.008	20	08/05/2021	13:41
3	CAL3	0.025	1	100	100	7.28	2.35	0.000	0.020	0.020	0.024	4	08/05/2021	13:42
4	CAL4	0.05	1	100	100	7.63	2.09	0.000	0.039	0.039	0.049	2	08/05/2021	13:43
5	CAL5	0.1	1	100	100	7.41	2.17	0.000	0.078	0.078	0.100	0	08/05/2021	13:44
6	CAL6	0.5	1	100	100	7.52	2.28	0.000	0.384	0.384	0.500	0	08/05/2021	13:45
7	CAL7	1	1	100	100	7.74	2.37	0.000	0.765	0.765	0.999	0.1	08/05/2021	13:46

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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	7.52	2.08	0.000	0.379	0.379	0.494	08/05/2021	13:50
2	ICB		1	100	100	7.62	2.10	0.000	0.001	0.001	0.000	08/05/2021	13:51
3	CCV1	0.5	1	100	100	7.41	2.34	0.000	0.380	0.380	0.496	08/05/2021	13:52
4	CCB1		1	100	100	7.37	1.98	0.000	0.002	0.002	0.001	08/05/2021	13:53
5	RL Check	0.01	1	100	100	7.54	1.78	0.000	0.010	0.010	0.012	08/05/2021	13:54
6	PB138198BL		1	2.50	100	7.20	1.80	0.000	0.002	0.002	0.001	08/05/2021	13:55
7	PB138198BS	20	1	2.50	100	7.48	2.35	0.002	0.355	0.353	0.460	08/05/2021	13:56
8	M3279-01		1	2.53	100	7.67	2.24	0.052	0.053	0.001	0.000	08/05/2021	13:57
9	M3279-01DU		1	2.52	100	7.57	2.18	0.051	0.052	0.001	0.000	08/05/2021	13:58
10	M3279-01MS	40	2	2.51	100	7.85	1.85	0.050	0.097	0.047	0.060	08/05/2021	13:59
11	M3279-01MS	1284	40	2.53	100	7.74	1.74	0.042	0.634	0.592	0.773	08/05/2021	14:00
12	M3279-01MS	40	2	2.50	100	7.62	1.95	0.049	0.105	0.056	0.072	08/05/2021	14:01
13	M3279-02		1	2.51	100	7.51	2.09	0.064	0.065	0.001	0.000	08/05/2021	14:02
14	M3279-03		1	2.55	100	7.46	1.74	0.042	0.043	0.001	0.000	08/05/2021	14:03
15	M3279-04		1	2.56	100	7.34	1.82	0.070	0.072	0.002	0.001	08/05/2021	14:04
16	CCV2	0.5	1	100	100	7.55	2.16	0.000	0.378	0.378	0.493	08/05/2021	14:05
17	CCB2		1	100	100	7.62	2.30	0.000	0.000	0.000	-0.002	08/05/2021	14:06
18	M3279-05		1	2.53	100	7.41	2.25	0.063	0.065	0.002	0.001	08/05/2021	14:07
19	M3279-06		1	2.57	100	7.52	2.16	0.055	0.056	0.001	0.000	08/05/2021	14:08
20	M3279-07		1	2.55	100	7.63	2.20	0.037	0.038	0.001	0.000	08/05/2021	14:09
21	M3279-08		1	2.52	100	7.74	2.37	0.043	0.045	0.002	0.001	08/05/2021	14:10
22	M3279-09		1	2.56	100	7.51	2.27	0.056	0.057	0.001	0.000	08/05/2021	14:11
23	M3279-11		1	2.54	100	7.34	2.18	0.048	0.049	0.001	0.000	08/05/2021	14:12
24	CCV3	0.5	1	100	100	7.28	1.79	0.000	0.379	0.379	0.494	08/05/2021	14:13
25	CCB3		1	100	100	7.40	1.95	0.000	0.001	0.001	0.000	08/05/2021	14:15