CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
ANALYST: ketankumar
Parameter: Hexavalent Chromium
SUPERVISOR REVIEW BY: Iwona
Run Number: LB120502
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP97135
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0014 **Slope:** 0.7651 **Regression:** 0.999998

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.34	2.15	0.000	0.001	0.001			06/04/2022	13:40
2	CAL2	0.01	1	100	100	7.25	2.30	0.000	0.009	0.009			06/04/2022	13:41
3	CAL3	0.025	1	100	100	7.10	2.28	0.000	0.020	0.020			06/04/2022	13:42
4	CAL4	0.05	1	100	100	7.48	1.88	0.000	0.040	0.040			06/04/2022	13:43
5	CAL5	0.1	1	100	100	7.62	1.79	0.000	0.078	0.078			06/04/2022	13:44
6	CAL6	0.5	1	100	100	7.50	1.90	0.000	0.385	0.385			06/04/2022	13:45
7	CAL7	1	1	100	100	7.34	2.08	0.000	0.766	0.766			06/04/2022	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	7.18	2.20	0.000	0.382	0.382	0.497	06/04/2022	13:50
2	ICB		1	100	100	7.72	1.75	0.000	0.002	0.002	0.001	06/04/2022	13:51
3	CCV1	0.5	1	100	100	7.52	1.93	0.000	0.379	0.379	0.494	06/04/2022	13:52
4	CCB1		1	100	100	7.62	1.80	0.000	0.001	0.001	-0.001	06/04/2022	13:53
5	RL Check		1	100	100	7.46	2.28	0.000	0.010	0.010	0.011	06/04/2022	13:54
6	PB145294BL		1	2.50	100	7.68	2.19	0.000	0.002	0.002	0.001	06/04/2022	13:55
7	PB145294BS	20	1	2.50	100	7.74	2.30	0.000	0.355	0.355	0.462	06/04/2022	13:56
8	N3168-01		1	2.53	100	7.58	2.40	0.017	0.018	0.001	-0.001	06/04/2022	13:57
9	N3168-01DU		1	2.52	100	7.63	2.36	0.015	0.017	0.002	0.001	06/04/2022	13:58
10	N3168-01MS	40	2	2.51	100	7.74	2.15	0.012	0.351	0.339	0.441	06/04/2022	13:59
11	N3168-01MS	1284	40	2.53	100	7.28	2.06	0.009	0.630	0.621	0.810	06/04/2022	14:00
12	N3168-01MS	40	2	2.54	100	7.08	1.76	0.010	0.375	0.365	0.475	06/04/2022	14:01
13	N3170-01		1	2.56	100	7.25	1.82	0.035	0.037	0.002	0.001	06/04/2022	14:02
14	N3170-02		1	2.55	100	7.34	1.90	0.040	0.041	0.001	-0.001	06/04/2022	14:03
15	N3170-03		1	2.56	100	7.18	2.36	0.052	0.054	0.002	0.001	06/04/2022	14:04
16	CCV2	0.5	1	100	100	7.65	2.20	0.000	0.378	0.378	0.492	06/04/2022	14:05
17	CCB2		1	100	100	7.45	2.14	0.000	0.002	0.002	0.001	06/04/2022	14:06
18	N3170-04		1	2.58	100	7.62	2.20	0.045	0.046	0.001	-0.001	06/04/2022	14:07
19	N3179-01		1	2.57	100	7.25	1.85	0.018	0.018	0.000	-0.002	06/04/2022	14:08
20	N3189-01		1	2.55	100	7.56	1.73	0.020	0.021	0.001	-0.001	06/04/2022	14:09
21	N3189-02		1	2.59	100	7.48	1.92	0.035	0.036	0.001	-0.001	06/04/2022	14:10
22	N3189-03		1	2.58	100	7.78	2.35	0.025	0.025	0.000	-0.002	06/04/2022	14:11
23	N3189-04		1	2.57	100	7.31	2.16	0.031	0.033	0.002	0.001	06/04/2022	14:12
24	N3206-01		1	2.55	100	7.62	2.34	0.023	0.024	0.001	-0.001	06/04/2022	14:13
25	CCV3	0.5	1	100	100	7.58	2.25	0.000	0.377	0.377	0.491	06/04/2022	14:14
26	CCB3		1	100	100	7.48	2.19	0.000	0.001	0.001	-0.001	06/04/2022	14:15