CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
ANALYST: Rubina
Parameter: Hexavalent Chromium
SUPERVISOR REVIEW BY: Iwona
Run Number: LB127437
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP104244
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP103556

Intercept: 0.001 **Slope:** 0.7649 **Regression:** 0.999996

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	7.27	1.75	0.000	0.000	0.000	-0.00		09/22/2023	14:00
2	CAL2	0.01	1	100	100	7.36	1.86	0.000	0.009	0.009	0.010	0	09/22/2023	14:01
3	CAL3	0.025	1	100	100	7.38	1.88	0.000	0.020	0.020	0.024	-4	09/22/2023	14:02
4	CAL4	0.05	1	100	100	7.36	1.88	0.000	0.039	0.039	0.049	-2	09/22/2023	14:03
5	CAL5	0.1	1	100	100	7.37	1.87	0.000	0.079	0.079	0.101	1	09/22/2023	14:04
6	CAL6	0.5	1	100	100	7.41	1.92	0.000	0.383	0.383	0.499	-0.2	09/22/2023	14:05
7	CAL7	1	1	100	100	7.36	1.87	0.000	0.766	0.766	1.000	0	09/22/2023	14:06

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Run Number: LB127437
pH Meter ID: WC pH Meter-1

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	7.42	1.92	0.000	0.385	0.385	0.502	09/22/2023	14:07
2	ICB		1	100	100	7.28	1.76	0.000	0.001	0.001	0.000	09/22/2023	14:08
3	CCV1	0.5	1	100	100	7.43	1.93	0.000	0.383	0.383	0.499	09/22/2023	14:09
4	CCB1		1	100	100	7.29	1.79	0.000	0.001	0.001	0.000	09/22/2023	14:10
5	RL Check	0.01	1	100	100	7.41	1.90	0.000	0.009	0.009	0.010	09/22/2023	14:11
6	PB155686BL		1	2.50	100	7.29	1.80	0.0000	0.001	0.001	0.000	09/22/2023	14:12
7	PB155686BS	20	1	2.50	100	7.41	1.92	0.000	0.385	0.385	0.502	09/22/2023	14:13
8	O4474-01		1	2.56	100	7.52	2.08	0.037	0.038	0.001	0.000	09/22/2023	14:14
9	O4501-01		1	2.54	100	7.62	2.06	0.011	0.011	0.000	-0.001	09/22/2023	14:15
10	O4501-04		1	2.53	100	7.68	2.16	0.017	0.017	0.000	-0.001	09/22/2023	14:16
11	O4501-07		1	2.54	100	7.52	2.10	0.011	0.012	0.001	0.000	09/22/2023	14:17
12	O4531-01		1	2.51	100	7.60	2.08	0.013	0.014	0.001	0.000	09/22/2023	14:18
13	O4531-04		1	2.52	100	7.62	2.14	0.004	0.005	0.001	0.000	09/22/2023	14:19
14	O4531-04DU		1	2.54	100	7.62	2.16	0.004	0.006	0.002	0.001	09/22/2023	14:20
15	O4531-04MS	40	2	2.52	100	7.58	2.14	0.004	0.294	0.290	0.378	09/22/2023	14:21
16	CCV2	0.5	1	100	100	7.42	1.94	0.000	0.383	0.383	0.499	09/22/2023	14:22
17	CCB2		1	100	100	7.27	1.78	0.000	0.001	0.001	0.000	09/22/2023	14:23
18	O4531-04MS	1284	40	2.54	100	7.62	2.14	0.000	0.578	0.578	0.754	09/22/2023	14:24
19	O4531-04MS	40	2	2.52	100	7.60	2.16	0.006	0.387	0.381	0.497	09/22/2023	14:25
20	O4566-02		1	2.53	100	7.52	2.08	0.006	0.007	0.001	0.000	09/22/2023	14:26
21	O4566-04		1	2.52	100	7.52	2.08	0.020	0.022	0.002	0.001	09/22/2023	14:27
22	O4566-06		1	2.55	100	7.58	2.12	0.016	0.018	0.002	0.001	09/22/2023	14:28
23	O4566-08		1	2.52	100	7.62	2.16	0.020	0.020	0.000	-0.001	09/22/2023	14:29
24	O4566-10		1	2.51	100	7.52	2.20	0.020	0.020	0.000	-0.001	09/22/2023	14:30
25	O4567-02		1	2.52	100	7.54	2.08	0.012	0.013	0.001	0.000	09/22/2023	14:31
26	O4567-04		1	2.53	100	7.66	2.10	0.020	0.020	0.000	-0.001	09/22/2023	14:32
27	O4567-06		1	2.53	100	7.56	2.16	0.010	0.012	0.002	0.001	09/22/2023	14:33
28	CCV3	0.5	1	100	100	7.44	1.94	0.000	0.383	0.383	0.499	09/22/2023	14:34
29	CCB3		1	100	100	7.29	1.77	0.000	0.001	0.001	0.000	09/22/2023	14:35
30	O4567-08		1	2.51	100	7.68	2.10	0.012	0.012	0.000	-0.001	09/22/2023	14:36
31	O4567-10		1	2.54	100	7.56	2.14	0.020	0.020	0.000	-0.001	09/22/2023	14:37
32	O4567-12		1	2.54	100	7.62	2.08	0.018	0.020	0.002	0.001	09/22/2023	14:38
33	O4582-01		1	2.53	100	7.52	2.10	0.004	0.004	0.000	-0.001	09/22/2023	14:39
34	CCV4	0.5	1	100	100	7.43	1.93	0.000	0.385	0.385	0.502	09/22/2023	14:40
35	CCB4		1	100	100	7.28	1.79	0.000	0.001	0.001	0.000	09/22/2023	14:41