CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
ANALYST: Nikita
Parameter: Hexavalent Chromium
SUPERVISOR REVIEW BY: Iwona
Run Number: LB129772
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP106774
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0011 **Slope:** 0.7664 **Regression:** 0.999994

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	7.26	1.76	0.000	0.000	0.000	-0.00		03/05/2024	12:00
2	CAL2	0.01	1	100	100	7.35	1.85	0.000	0.008	0.008	0.009	-10	03/05/2024	12:01
3	CAL3	0.025	1	100	100	7.37	1.88	0.000	0.021	0.021	0.025	0	03/05/2024	12:02
4	CAL4	0.05	1	100	100	7.38	1.84	0.000	0.040	0.040	0.050	0	03/05/2024	12:03
5	CAL5	0.1	1	100	100	7.36	1.86	0.000	0.079	0.079	0.101	1	03/05/2024	12:04
6	CAL6	0.5	1	100	100	7.42	1.91	0.000	0.383	0.383	0.498	-0.4	03/05/2024	12:05
7	CAL7	1	1	100	100	7.35	1.87	0.000	0.768	0.768	1.000	0	03/05/2024	12:06

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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	7.41	1.90	0.000	0.385	0.385	0.501	03/05/2024	12:07
2	ICB		1	100	100	7.24	1.78	0.000	0.001	0.001	0.000	03/05/2024	12:08
3	CCV1	0.5	1	100	100	7.43	1.92	0.000	0.384	0.384	0.500	03/05/2024	12:09
4	CCB1		1	100	100	7.27	1.76	0.000	0.001	0.001	0.000	03/05/2024	12:10
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.010	0.010	0.012	03/05/2024	12:11
6	PB159443BL		1	2.50	100	7.27	1.74	0.000	0.001	0.001	0.000	03/05/2024	12:12
7	PB159443BS	20	1	2.50	100	7.43	1.92	0.000	0.386	0.386	0.502	03/05/2024	12:13
8	P1662-01		1	2.51	100	7.52	2.08	0.007	0.008	0.001	0.000	03/05/2024	12:14
9	P1662-03		1	2.55	100	7.62	2.06	0.018	0.019	0.001	0.000	03/05/2024	12:15
10	P1669-01		1	2.52	100	7.58	2.10	0.005	0.007	0.002	0.001	03/05/2024	12:16
11	P1669-05		1	2.53	100	7.52	2.12	0.006	0.008	0.002	0.001	03/05/2024	12:17
12	P1669-09		1	2.54	100	7.60	2.15	0.019	0.020	0.001	0.000	03/05/2024	12:18
13	P1672-01		1	2.52	100	7.54	2.09	0.011	0.013	0.002	0.001	03/05/2024	12:19
14	P1672-05		1	2.53	100	7.38	2.12	0.005	0.007	0.002	0.001	03/05/2024	12:20
15	P1672-09		1	2.51	100	7.29	2.14	0.011	0.013	0.002	0.001	03/05/2024	12:21
16	CCV2	0.5	1	100	100	7.41	1.92	0.000	0.385	0.385	0.501	03/05/2024	12:22
17	CCB2		1	100	100	7.25	1.77	0.000	0.001	0.001	0.000	03/05/2024	12:23
18	P1672-13		1	2.50	100	7.42	2.16	0.009	0.010	0.001	0.000	03/05/2024	12:24
19	P1672-13DU		1	2.54	100	7.42	2.06	0.006	0.008	0.002	0.001	03/05/2024	12:25
20	P1672-13MS	40	2	2.53	100	7.54	2.08	0.006	0.230	0.224	0.291	03/05/2024	12:26
21	P1672-13MS	1284	40	2.53	100	7.52	2.00	0.000	0.510	0.510	0.664	03/05/2024	12:27
22	P1672-13MS	40	2	2.54	100	7.54	2.04	0.010	0.377	0.367	0.477	03/05/2024	12:28
23	CCV3	0.5	1	100	100	7.41	1.92	0.000	0.385	0.385	0.501	03/05/2024	12:29
24	CCB3		1	100	100	7.25	1.77	0.000	0.001	0.001	0.000	03/05/2024	12:30