Reviewed By:Iwona
On:6/11/2025 4:13:36 PM
Inst Id :SPECTROPHOTOME

Analytical Summary Report

Analysis Method: ~~7196A~~

Parameter: ~~Hexavalent Chromium~~

Run Number: ~~LB135980~~

ANALYST: Eman

SUPERVISOR REVIEW BY: Iwona

pH Meter ID: pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113258
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
HEX LOD STD, 0.005PPM	WP113322
Hexchrome Cleaning Solution	WP113087

Intercept: 0.001 **Slope:** 0.7673 **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	7.32	1.65	0.000	0.000	0.000	-0.00		06/02/2025	12:40
2	CAL2	0.01	1	100	100	7.43	1.86	0.000	0.008	0.008	0.009	-10	06/02/2025	12:41
3	CAL3	0.025	1	100	100	7.56	1.57	0.000	0.021	0.021	0.026	4	06/02/2025	12:42
4	CAL4	0.05	1	100	100	7.65	1.65	0.000	0.039	0.039	0.049	-2	06/02/2025	12:43
5	CAL5	0.1	1	100	100	7.24	1.74	0.000	0.079	0.079	0.101	1	06/02/2025	12:44
6	CAL6	0.5	1	100	100	7.68	2.10	0.000	0.385	0.385	0.500	0	06/02/2025	12:45
7	CAL7	1	1	100	100	7.72	2.24	0.000	0.768	0.768	0.999	-0.1	06/02/2025	12:46

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Analysis Method: 7196A
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SUPERVISOR REVIEW BY: Iwona
Run Number: LB135980
pH Meter ID: 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	7.41	1.56	0.000	0.384	0.384	0.499	06/02/2025	12:47
2	ICB		1	100	100	7.84	1.64	0.000	0.001	0.001	0.000	06/02/2025	12:48
3	CCV1	0.5	1	100	100	7.59	2.15	0.000	0.386	0.386	0.502	06/02/2025	12:49
4	CCB1		1	100	100	7.43	1.78	0.000	0.000	0.000	-0.001	06/02/2025	12:50
5	RL Check	0.01	1	100	100	7.86	1.98	0.000	0.009	0.009	0.010	06/02/2025	12:51
6	PB168185BL		1	2.50	100	7.43	2.25	0.000	0.001	0.001	0.000	06/02/2025	12:52
7	PB168185BS	20	1	2.50	100	7.68	2.36	0.000	0.383	0.383	0.498	06/02/2025	12:53
8	Q2126-03		1	2.50	100	7.43	1.78	0.000	0.005	0.005	0.005	06/02/2025	12:54
9	Q2146-01		1	2.51	100	7.11	2.01	0.032	0.034	0.002	0.001	06/02/2025	12:55
10	Q2146-01DU		1	2.51	100	7.05	2.11	0.032	0.033	0.001	0.000	06/02/2025	12:56
11	Q2146-01MS	40	2	2.52	100	7.18	1.65	0.032	0.341	0.309	0.401	06/02/2025	12:57
12	Q2146-01MS	1284	40	2.52	100	7.21	2.34	0.000	0.604	0.604	0.786	06/02/2025	12:58
13	Q2146-01MS	40	2	2.51	100	7.09	2.43	0.031	0.363	0.332	0.431	06/02/2025	12:59
14	Q2151-01		1	2.54	100	7.34	1.56	0.006	0.007	0.001	0.000	06/02/2025	13:00
15	Q2152-01		1	2.57	100	7.54	1.75	0.025	0.026	0.001	0.000	06/02/2025	13:01
16	CCV2	0.5	1	100	100	7.65	2.16	0.000	0.382	0.382	0.497	06/02/2025	13:02
17	CCB2		1	100	100	7.46	2.39	0.000	0.001	0.001	0.000	06/02/2025	13:03
18	Q2153-01		1	2.57	100	7.51	1.74	0.004	0.005	0.001	0.000	06/02/2025	13:04
19	Q2159-01		1	2.54	100	7.59	1.86	0.005	0.006	0.001	0.000	06/02/2025	13:05
20	Q2160-01		1	2.51	100	7.64	2.33	0.003	0.005	0.002	0.001	06/02/2025	13:06
21	Q2160-05		1	2.52	100	7.19	2.43	0.005	0.006	0.001	0.000	06/02/2025	13:07
22	Q2172-01		1	2.55	100	7.25	1.67	0.004	0.005	0.001	0.000	06/02/2025	13:08
23	Q2173-01		1	2.53	100	7.25	1.86	0.030	0.031	0.001	0.000	06/02/2025	13:09
24	Q2173-07		1	2.52	100	7.31	2.10	0.036	0.037	0.001	0.000	06/02/2025	13:10
25	Q2173-13		1	2.57	100	7.64	1.99	0.034	0.036	0.002	0.001	06/02/2025	13:11
26	Q2177-02		1	2.55	100	7.76	2.48	0.007	0.008	0.001	0.000	06/02/2025	13:12
27	Q2177-04		1	2.51	100	7.15	1.72	0.009	0.010	0.001	0.000	06/02/2025	13:13
28	CCV3	0.5	1	100	100	7.46	1.86	0.000	0.385	0.385	0.500	06/02/2025	13:14
29	CCB3		1	100	100	7.54	2.20	0.000	0.000	0.000	-0.001	06/02/2025	13:15
30	Q2177-06		1	2.57	100	7.86	2.38	0.007	0.008	0.001	0.000	06/02/2025	13:16
31	CCV4	0.5	1	100	100	7.41	1.98	0.000	0.385	0.385	0.500	06/02/2025	13:17
32	CCB4		1	100	100	7.16	1.69	0.000	0.001	0.001	0.000	06/02/2025	13:18