



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124295

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP101197
5N sulfuric acid	WP99758
HNO3 Hex-Chrome, 5M	WP99757
Hexchrome Cleaning Solution	WP100882

Intercept: 0.0008

Slope: 0.7635

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	7.28	1.96	0.000	0.000	0.000	-0.00		02/28/2023	11:20
2	CAL2	0.01	1	100	100	7.34	1.88	0.000	0.008	0.008	0.009	-10	02/28/2023	11:31
3	CAL3	0.025	1	100	100	7.36	2.06	0.000	0.020	0.020	0.025	0	02/28/2023	11:32
4	CAL4	0.05	1	100	100	7.52	2.08	0.000	0.039	0.039	0.050	0	02/28/2023	11:33
5	CAL5	0.1	1	100	100	7.34	1.85	0.000	0.078	0.078	0.101	1	02/28/2023	11:34
6	CAL6	0.5	1	100	100	7.36	1.98	0.000	0.383	0.383	0.500	0	02/28/2023	11:35
7	CAL7	1	1	100	100	7.34	2.06	0.000	0.764	0.764	0.999	-0.1	02/28/2023	11:36



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Run Number: LB124295

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	7.52	2.08	0.000	0.384	0.384	0.502	02/28/2023	11:37
2	ICB		1	100	100	7.36	1.96	0.000	0.001	0.001	0.000	02/28/2023	11:38
3	CCV1	0.5	1	100	100	7.52	2.04	0.000	0.385	0.385	0.503	02/28/2023	11:39
4	CCB1		1	100	100	7.34	1.88	0.000	0.001	0.001	0.000	02/28/2023	11:40
5	RL Check	0.01	1	100	100	7.52	1.96	0.000	0.009	0.009	0.011	02/28/2023	11:41
6	PB151083BL		1	2.50	100	7.32	1.85	0.000	0.001	0.001	0.000	02/28/2023	11:42
7	PB151083BS	20	1	2.50	100	7.50	2.10	0.000	0.383	0.383	0.501	02/28/2023	11:43
8	O1627-03		1	2.56	100	7.34	2.22	0.000	0.005	0.005	0.006	02/28/2023	11:44
9	O1665-01		1	2.52	100	7.52	2.18	0.019	0.020	0.001	0.000	02/28/2023	11:45
10	O1669-01		1	2.53	100	7.46	2.12	0.014	0.016	0.002	0.002	02/28/2023	11:46
11	O1669-01DU		1	2.54	100	7.44	2.10	0.015	0.016	0.001	0.000	02/28/2023	11:47
12	O1669-01MS	40	2	2.55	100	7.40	2.08	0.015	0.352	0.337	0.440	02/28/2023	11:48
13	O1669-01MS	1284	40	2.58	100	7.52	1.98	0.006	0.614	0.608	0.795	02/28/2023	11:49
14	O1669-01MS	40	2	2.55	100	7.58	2.14	0.016	0.386	0.370	0.484	02/28/2023	11:50
15	O1700-01		1	2.51	100	7.62	2.18	0.012	0.117	0.105	0.136	02/28/2023	11:51
16	CCV2	0.5	1	100	100	7.36	2.10	0.000	0.384	0.384	0.502	02/28/2023	11:52
17	CCB2		1	100	100	7.28	1.86	0.000	0.001	0.001	0.000	02/28/2023	11:53
18	O1701-01		1	2.55	100	7.68	2.28	0.037	0.038	0.001	0.000	02/28/2023	11:54
19	O1701-02		1	2.56	100	7.72	2.24	0.038	0.039	0.001	0.000	02/28/2023	11:55
20	O1703-05		1	2.57	100	7.64	2.08	0.004	0.006	0.002	0.002	02/28/2023	11:56
21	O1724-01		1	2.53	100	7.76	1.96	0.014	0.015	0.001	0.000	02/28/2023	11:57
22	O1725-01		1	2.55	100	7.52	1.88	0.014	0.016	0.002	0.002	02/28/2023	11:58
23	O1726-01		1	2.53	100	7.34	2.08	0.018	0.019	0.001	0.000	02/28/2023	11:59
24	O1727-01		1	2.56	100	7.36	2.22	0.014	0.016	0.002	0.002	02/28/2023	12:00
25	CCV3	0.5	1	100	100	7.34	2.08	0.000	0.383	0.383	0.501	02/28/2023	12:01
26	CCB3		1	100	100	7.36	1.96	0.000	0.001	0.001	0.000	02/28/2023	12:02