

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138204

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP116079
Calibration Std. hexchrome 0.05 ppm	WP116078
calibration std. hexchrome 0.01 ppm	WP116076
calibration std. hexchrome 0 ppm	WP116075
hexavalent chromium color reagent	WP116010
5N sulfuric acid	WP115340
Calibration Std Hexachrome 0.025 ppm	WP116077
Hexavalent Chromium ICV-LCS Std	WP116082
Calibration and CCV std HexChrome 0.5PPM	WP116080
Calibration std HexChrome 1.0PPM	WP116081

Intercept: 0.0008

Slope: 0.7823

Regression: 0.999989

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		2.03	0.000	0.000	0.000	-0.00		12/11/2025	17:10
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	0.009	-10	12/11/2025	17:10
3	CAL3	0.025	1	100	100		2.09	0.000	0.020	0.020	0.024	-4	12/11/2025	17:11
4	CAL4	0.05	1	100	100		2.03	0.000	0.039	0.039	0.048	-4	12/11/2025	17:11
5	CAL5	0.1	1	100	100		2.06	0.000	0.081	0.081	0.102	2	12/11/2025	17:12
6	CAL6	0.5	1	100	100		2.12	0.000	0.394	0.394	0.502	0.4	12/11/2025	17:12
7	CAL7	1	1	100	100		2.09	0.000	0.782	0.782	0.998	-0.2	12/11/2025	17:13

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ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138204

pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.12	0.000	0.396	0.396	0.505	12/11/2025	17:13
2	ICB		1	100	100		2.06	0.000	0.000	0.000	-0.001	12/11/2025	17:14
3	CCV1	0.5	1	100	100		2.09	0.000	0.390	0.390	0.498	12/11/2025	17:14
4	CCB1		1	100	100		2.11	0.000	0.000	0.000	-0.001	12/11/2025	17:15
5	RL Check	0.01	1	100	100		2.10	0.000	0.009	0.009	0.010	12/11/2025	17:15
6	LB138204BL		1	100	100		2.04	0.000	0.001	0.001	0.000	12/11/2025	17:16
7	LB138204BS	0.5	1	100	100		2.12	0.000	0.404	0.404	0.515	12/11/2025	17:16
8	Q3840-01		1	100	100		2.06	0.000	0.000	0.000	-0.001	12/11/2025	17:17
9	Q3840-01DU		1	100	100		2.05	0.000	0.000	0.000	-0.001	12/11/2025	17:17
10	Q3840-01MS	1	2	100	100		2.08	0.000	0.379	0.379	0.483	12/11/2025	17:18
11	Q3840-01MS	1	2	100	100		2.04	0.000	0.380	0.380	0.485	12/11/2025	17:18
12	Q3840-03		1	100	100		2.03	0.000	0.000	0.000	-0.001	12/11/2025	17:19
13	Q3840-05		1	100	100		2.07	0.000	0.000	0.000	-0.001	12/11/2025	17:19
14	Q3840-07		1	100	100		2.18	0.000	0.000	0.000	-0.001	12/11/2025	17:20
15	Q3840-09		1	100	100		2.10	0.000	0.000	0.000	-0.001	12/11/2025	17:20
16	CCV2	0.5	1	100	100		2.05	0.000	0.392	0.392	0.500	12/11/2025	17:21
17	CCB2		1	100	100		2.16	0.000	0.001	0.001	0.000	12/11/2025	17:21
18	Q3840-11		1	100	100		2.06	0.000	0.003	0.003	0.003	12/11/2025	17:22
19	Q3840-13		1	100	100		2.20	0.000	0.000	0.000	-0.001	12/11/2025	17:22
20	Q3840-15		1	100	100		2.11	0.002	0.011	0.009	0.010	12/11/2025	17:23
21	Q3840-17		1	100	100		2.17	0.000	0.000	0.000	-0.001	12/11/2025	17:23
22	Q3840-19		1	100	100		2.12	0.000	0.000	0.000	-0.001	12/11/2025	17:24
23	Q3840-21		1	100	100		2.06	0.000	0.037	0.037	0.046	12/11/2025	17:24
24	Q3840-23		1	100	100		2.10	0.000	0.077	0.077	0.097	12/11/2025	17:25
25	CCV3	0.5	1	100	100		2.10	0.000	0.391	0.391	0.499	12/11/2025	17:25
26	CCB3		1	100	100		2.14	0.000	0.000	0.000	-0.001	12/11/2025	17:26

WORKLIST(Hardcopy Internal Chain)

66138204

WorkList Name : HEX-WATER-12-11 WorkList ID : 193606 Department : Wet-Chemistry Date : 12-11-2025 13:34:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3840-01	BPSI-FW-MW01-20251208	Water	Hexavalent Chromium	Ammonium sulfate buffer	AECO15	D11	12/08/2025	7196A
Q3840-03	BPSI-FW-MW01-20251208	Water	Hexavalent Chromium	Ammonium sulfate buffer	AECO15	D11	12/08/2025	7196A
Q3840-05	BPSI-FW-MW02-20251209	Water	Hexavalent Chromium	Ammonium sulfate buffer	AECO15	D11	12/09/2025	7196A
Q3840-07	BPHN-MW29I-20251209	Water	Hexavalent Chromium	Ammonium sulfate buffer	AECO15	D11	12/09/2025	7196A
Q3840-09	BPHN-MW29D-20251210	Water	Hexavalent Chromium	Ammonium sulfate buffer	AECO15	D11	12/10/2025	7196A
Q3840-11	TTMW3015-20251210	Water	Hexavalent Chromium	Ammonium sulfate buffer	AECO15	D11	12/10/2025	7196A
Q3840-13	DUP01-M2-20251210	Water	Hexavalent Chromium	Ammonium sulfate buffer	AECO15	D11	12/10/2025	7196A
Q3840-15	TTMW301I-20251210	Water	Hexavalent Chromium	Ammonium sulfate buffer	AECO15	D11	12/10/2025	7196A
Q3840-17	TTMW3045-20251211	Water	Hexavalent Chromium	Ammonium sulfate buffer	AECO15	D11	12/11/2025	7196A
Q3840-19	DUP02-M2-20251211	Water	Hexavalent Chromium	Ammonium sulfate buffer	AECO15	D11	12/11/2025	7196A
Q3840-21	TTMW304I1-20251211	Water	Hexavalent Chromium	Ammonium sulfate buffer	AECO15	D11	12/11/2025	7196A
Q3840-23	TTMW304I2-20251211	Water	Hexavalent Chromium	Ammonium sulfate buffer	AECO15	D11	12/11/2025	7196A

Date/Time 12/11/2025 15:45
 Raw Sample Received by: RIM wpc
 Raw Sample Relinquished by: JBL wpc

Date/Time 12/11/2025 16:40
 Raw Sample Received by: JBL wpc
 Raw Sample Relinquished by: RIM wpc