



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123563

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP100523
Calibration Std. hexchrome 0.05 ppm	WP100522
calibration std. hexchrome 0.01 ppm	WP100521
calibration std. hexchrome 0 ppm	WP100520
hexavalent chromium color reagent	WP100481
5N sulfuric acid	WP99758
Hexchrome Cleaning Solution	WP98731
Calibration Std Hexachrome 0.025 ppm	WP100527
Hexavalent Chromium ICV-LCS Std	WP100526
Calibration and CCV std HexChrome 0.5PPM	WP100524
Calibration std HexChrome 1.0PPM	WP100525

Intercept: -0.0004

Slope: 0.7846

Regression: 0.999992

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		1.96	0.000	0.000	0.000	0.000		01/06/2023	11:30
2	CAL2	0.01	1	100	100		2.08	0.000	0.007	0.007	0.009	10	01/06/2023	11:31
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	0.023	8	01/06/2023	11:32
4	CAL4	0.05	1	100	100		2.06	0.000	0.040	0.040	0.051	-2	01/06/2023	11:33
5	CAL5	0.1	1	100	100		2.15	0.000	0.079	0.079	0.101	-1	01/06/2023	11:34
6	CAL6	0.5	1	100	100		2.28	0.000	0.390	0.390	0.497	0.6	01/06/2023	11:35
7	CAL7	1	1	100	100		1.96	0.000	0.785	0.785	1.001	-0.1	01/06/2023	11:36



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Run Number: LB123563

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		1.96	0.000	0.391	0.391	0.499	01/06/2023	11:37
2	ICB		1	100	100		2.08	0.000	0.001	0.001	0.002	01/06/2023	11:38
3	CCV1	0.5	1	100	100		2.06	0.000	0.392	0.392	0.500	01/06/2023	11:39
4	CCB1		1	100	100		2.32	0.000	0.000	0.000	0.001	01/06/2023	11:40
5	RL Check	0.01	1	100	100		2.20	0.000	0.006	0.006	0.008	01/06/2023	11:41
6	lb123563BL		1	100	100		2.10	0.000	0.001	0.001	0.002	01/06/2023	11:42
7	lb123563BS	0.5	1	100	100		1.80	0.000	0.412	0.412	0.526	01/06/2023	11:43
8	O1040-01		1	100	100		1.89	0.022	0.022	0.000	0.001	01/06/2023	11:44
9	O1040-01DU		1	100	100		2.14	0.022	0.022	0.000	0.001	01/06/2023	11:45
10	O1040-01MS	1	2	100	100		1.70	0.022	0.421	0.399	0.509	01/06/2023	11:46
11	O1040-01MS	1	2	100	100		2.10	0.024	0.422	0.398	0.508	01/06/2023	11:47
12	O1040-03		1	100	100		2.10	0.028	0.028	0.000	0.001	01/06/2023	11:48
13	O1040-05		1	100	100		1.97	0.006	0.008	0.002	0.003	01/06/2023	11:49
14	CCV2	0.5	1	100	100		1.70	0.000	0.393	0.393	0.501	01/06/2023	11:50
15	CCB2		1	100	100		1.80	0.000	0.001	0.001	0.002	01/06/2023	11:51

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX-010623

WorkList ID : 166374

Department : Wet-Chemistry

Date : 01-06-2023 10:07:40

66/23563

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/12/2023	Water	O1040-01	Hexavalent Chromium	Ammonium sul	PSEG04	N31	DSN001	01/05/2023	7196A
01/12/2023	Water	O1040-03	Hexavalent Chromium	Ammonium sul	PSEG04	N31	DSN002	01/05/2023	7196A
01/12/2023	Water	O1040-05	Hexavalent Chromium	Ammonium sul	PSEG04	N31	DSN003	01/05/2023	7196A

Date/Time 01/06/2023 11:00
Raw Sample Received by: RM CWC
Raw Sample Relinquished by: RM CWC

Date/Time 01/06/2023 12:10
Raw Sample Received by: RM CWC
Raw Sample Relinquished by: RM CWC