



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: jignesh

Run Number: LB126915

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP103818
Calibration Std. hexchrome 0.05 ppm	WP103816
calibration std. hexchrome 0.01 ppm	WP103814
calibration std. hexchrome 0 ppm	WP103817
hexavalent chromium color reagent	WP103788
5N sulfuric acid	WP102263
HEX LOD STD, 0.005PPM	WP103822
Calibration Std Hexachrome 0.025 ppm	WP103815
Hexavalent Chromium ICV-LCS Std	WP103821
Calibration and CCV std HexChrome 0.5PPM	WP103819
Calibration std HexChrome 1.0PPM	WP103820

Intercept: 0.0004

Slope: 0.7805

Regression: 0.999991

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		1.80	0.000	0.000	0.000	-0.00		08/18/2023	08:30
2	CAL2	0.01	1	100	100		1.87	0.000	0.007	0.007	0.008	-20	08/18/2023	08:31
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.023	-8	08/18/2023	08:32
4	CAL4	0.05	1	100	100		1.86	0.000	0.040	0.040	0.050	0	08/18/2023	08:33
5	CAL5	0.1	1	100	100		1.87	0.000	0.081	0.081	0.103	3	08/18/2023	08:34
6	CAL6	0.5	1	100	100		1.92	0.000	0.390	0.390	0.499	-0.2	08/18/2023	08:35
7	CAL7	1	1	100	100		1.88	0.000	0.781	0.781	1.000	0	08/18/2023	08:36



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Run Number: LB126915

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		1.90	0.000	0.390	0.390	0.499	08/18/2023	08:37
2	ICB		1	100	100		1.79	0.000	0.001	0.001	0.001	08/18/2023	08:38
3	CCV1	0.5	1	100	100		1.92	0.000	0.392	0.392	0.502	08/18/2023	08:39
4	CCB1		1	100	100		1.80	0.000	0.001	0.001	0.001	08/18/2023	08:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	08/18/2023	08:41
6	lb126915BL		1	100	100		1.78	0.000	0.001	0.001	0.001	08/18/2023	08:42
7	lb126915BS	0.5	1	100	100		1.91	0.000	0.405	0.405	0.518	08/18/2023	08:43
8	O3572-09		1	100	100		1.89	0.000	0.005	0.005	0.006	08/18/2023	08:44
9	O4074-01		1	100	100		2.02	0.005	0.007	0.002	0.002	08/18/2023	08:45
10	O4074-01DU		1	100	100		2.04	0.005	0.006	0.001	0.001	08/18/2023	08:46
11	O4074-01MS	1	2	100	100		2.06	0.003	0.391	0.388	0.497	08/18/2023	08:47
12	O4074-01MS	1	2	100	100		2.04	0.005	0.394	0.389	0.498	08/18/2023	08:48
13	CCV2	0.5	1	100	100		1.93	0.000	0.393	0.393	0.503	08/18/2023	08:49
14	CCB2		1	100	100		1.80	0.000	0.001	0.001	0.001	08/18/2023	08:50

WORKLIST(Hardcopy Internal Chain)

66126915

WorkList Name : HEX W-8-17

WorkList ID : 172799

Department : Wet-Chemistry

Date : 08-17-2023 15:49:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3572-09	MDL-WATER-03-QT3-2023	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	07/11/2023	7196A
O4074-01	MAPLE-SHADE-COMP	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	N11	08/17/2023	7196A

Date/Time 08/17/2023 17-10
 Raw Sample Received by: RM CWL
 Raw Sample Relinquished by: JN CWL

Date/Time 08/17/2023 17:35
 Raw Sample Received by: JN CWL
 Raw Sample Relinquished by: RM CWL