

Analytical Summary Report

Analysis Method: 7196A

ANALYST: jignesh

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121848

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP98803
Calibration Std. hexchrome 0.05 ppm	WP98804
calibration std. hexchrome 0.01 ppm	WP98806
calibration std. hexchrome 0 ppm	WP98808
hexavalent chromium color reagent	WP98694
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP98731
Calibration Std Hexachrome 0.025 ppm	WP98805
Hexavalent Chromium ICV-LCS Std	WP98807
Calibration and CCV std HexChrome 0.5PPM	WP98802
Calibration std HexChrome 1.0PPM	WP98801

Intercept: -0.0004

Slope: 0.7814

Regression: 0.999993

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		2.08	0.000	0.000	0.000	0.000		09/01/2022	16:35
2	CAL2	0.01	1	100	100		1.79	0.000	0.007	0.007	0.009	10	09/01/2022	16:36
3	CAL3	0.025	1	100	100		1.95	0.000	0.018	0.018	0.023	8	09/01/2022	16:37
4	CAL4	0.05	1	100	100		1.82	0.000	0.038	0.038	0.049	2	09/01/2022	16:38
5	CAL5	0.1	1	100	100		1.96	0.000	0.080	0.080	0.102	-2	09/01/2022	16:39
6	CAL6	0.5	1	100	100		2.02	0.000	0.390	0.390	0.499	0.2	09/01/2022	16:40
7	CAL7	1	1	100	100		2.05	0.000	0.781	0.781	1	0	09/01/2022	16:41



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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		2.25	0.000	0.390	0.390	0.500	09/01/2022	16:42
2	ICB		1	100	100		2.16	0.000	0.000	0.000	0.001	09/01/2022	16:43
3	CCV1	0.5	1	100	100		2.31	0.000	0.391	0.391	0.501	09/01/2022	16:44
4	CCB1		1	100	100		2.02	0.000	0.000	0.000	0.001	09/01/2022	16:45
5	RL Check	0.01	1	100	100		1.74	0.000	0.007	0.007	0.009	09/01/2022	16:46
6	LB121848BL		1	100	100		1.90	0.000	0.000	0.000	0.001	09/01/2022	16:47
7	LB121848BS	0.5	1	100	100		1.82	0.000	0.358	0.358	0.459	09/01/2022	16:48
8	N4478-01		1	100	100		2.08	0.354	0.354	0.000	0.001	09/01/2022	16:49
9	N4478-01DU		1	100	100		2.06	0.353	0.353	0.000	0.001	09/01/2022	16:50
10	N4478-01MS	1	2	100	100		2.04	0.352	0.759	0.407	0.521	09/01/2022	16:51
11	N4478-01MS	1	2	100	100		2.06	0.352	0.760	0.408	0.523	09/01/2022	16:52
12	CCV2	0.5	1	100	100		1.92	0.000	0.388	0.388	0.497	09/01/2022	16:53
13	CCB2		1	100	100		1.96	0.000	0.000	0.000	0.001	09/01/2022	16:54

LB121848

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex-7196-0901

WorkList ID : 162856

Department : Wet-Chemistry

Date : 09-01-2022 15:36:16

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/06/2022	Water	N4478-01	Hexavalent Chromium	Ammonium sul	PSEG03	M11	FRAC-TANK-SV28486	09/01/2022	7196A

Date/Time 9/1/22 15:45
 Raw Sample Received by: SI (wet chem)
 Raw Sample Relinquished by: SI (SM)

Date/Time 9/1/22 16:00
 Raw Sample Received by: SI (SM)
 Raw Sample Relinquished by: SI (wet chem)