

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Jignesh

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB122028

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP98967
Calibration Std. hexchrome 0.05 ppm	WP98968
calibration std. hexchrome 0.01 ppm	WP98970
calibration std. hexchrome 0 ppm	WP98971
hexavalent chromium color reagent	WP98936
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP98731
Calibration Std Hexachrome 0.025 ppm	WP98969
Hexavalent Chromium ICV-LCS Std	WP98972
Calibration and CCV std HexChrome 0.5PPM	WP98966
Calibration std HexChrome 1.0PPM	WP98965

Intercept: -0.0002

Slope: 0.7811

Regression: 0.999995

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		2.05	0.000	0.000	0.000	0.000		09/16/2022	08:35
2	CAL2	0.01	1	100	100		2.03	0.000	0.007	0.007	0.009	10	09/16/2022	08:36
3	CAL3	0.025	1	100	100		1.96	0.000	0.018	0.018	0.023	8	09/16/2022	08:37
4	CAL4	0.05	1	100	100		1.98	0.000	0.040	0.040	0.051	-2	09/16/2022	08:38
5	CAL5	0.1	1	100	100		2.05	0.000	0.079	0.079	0.101	-1	09/16/2022	08:39
6	CAL6	0.5	1	100	100		2.00	0.000	0.390	0.390	0.499	0.2	09/16/2022	08:40
7	CAL7	1	1	100	100		1.99	0.000	0.781	0.781	1.000	0	09/16/2022	08:41



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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		2.10	0.000	0.390	0.390	0.500	09/16/2022	08:42
2	ICB		1	100	100		2.34	0.000	0.000	0.000	0.000	09/16/2022	08:43
3	CCV1	0.5	1	100	100		2.23	0.000	0.388	0.388	0.497	09/16/2022	08:44
4	CCB1		1	100	100		2.16	0.000	0.000	0.000	0.000	09/16/2022	08:45
5	RL Check	0.01	1	100	100		1.88	0.000	0.007	0.007	0.009	09/16/2022	08:46
6	LB122028BL		1	100	100		1.76	0.000	0.000	0.000	0.000	09/16/2022	08:47
7	LB122028BS	0.5	1	100	100		1.96	0.000	0.391	0.391	0.501	09/16/2022	08:48
8	N4648-01		1	100	100		1.84	0.066	0.066	0.000	0.000	09/16/2022	08:49
9	N4648-01DU		1	100	100		1.85	0.065	0.065	0.000	0.000	09/16/2022	08:50
10	N4648-01MS	1	2	100	100		1.95	0.066	0.435	0.369	0.473	09/16/2022	08:51
11	N4648-01MS	1	2	100	100		1.96	0.065	0.435	0.370	0.474	09/16/2022	08:52
12	CCV2	0.5	1	100	100		2.01	0.000	0.378	0.378	0.484	09/16/2022	08:53
13	CCB2		1	100	100		2.16	0.000	0.000	0.000	0.000	09/16/2022	08:54

LB 122028

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex-091622

WorkList ID : 163232

Department : Wet-Chemistry

Date : 09-16-2022 08:18:50

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/20/2022	Water	N4648-01	Hexavalent Chromium	Ammonium sulf	PSEG03	N11	N48854-1040	09/15/2022	7196A

Date/Time 9/16/22 8:20

Raw Sample Received by: SJ (WC)

Raw Sample Relinquished by: CP (SM)

Date/Time 9/16/22 10:00

Raw Sample Received by: CP (SM)

Raw Sample Relinquished by: SJ (WC)