

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118526

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP95127
Calibration Std. hexchrome 0.05 ppm	WP95128
calibration std. hexchrome 0.01 ppm	WP95129
calibration std. hexchrome 0 ppm	WP95131
hexavalent chromium color reagent	WP95133
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841
Calibration Std Hexachrome 0.025 ppm	WP95130
Hexavalent Chromium ICV-LCS Std	WP95132
Calibration and CCV std HexChrome 0.5PPM	WP95126
Calibration std HexChrome 1.0PPM	WP95125

Intercept: 0.0008

Slope: 0.7836

Regression: 0.999995

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		2.25	0.000	0.000	0.000	-0.00		02/04/2022	10:40
2	CAL2	0.01	1	100	100		2.15	0.000	0.008	0.008	0.009	10	02/04/2022	10:41
3	CAL3	0.025	1	100	100		2.30	0.000	0.020	0.020	0.024	4	02/04/2022	10:42
4	CAL4	0.05	1	100	100		1.98	0.000	0.040	0.040	0.050	0	02/04/2022	10:43
5	CAL5	0.1	1	100	100		1.75	0.000	0.081	0.081	0.102	-2	02/04/2022	10:44
6	CAL6	0.5	1	100	100		1.82	0.000	0.393	0.393	0.500	0	02/04/2022	10:45
7	CAL7	1	1	100	100		2.36	0.000	0.784	0.784	0.999	0.1	02/04/2022	10:46

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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		2.35	0.000	0.390	0.390	0.497	02/04/2022	10:47
2	ICB		1	100	100		2.14	0.000	0.001	0.001	0.000	02/04/2022	10:48
3	CCV1	0.5	1	100	100		2.20	0.000	0.391	0.391	0.498	02/04/2022	10:49
4	CCB1		1	100	100		1.88	0.000	0.001	0.001	0.000	02/04/2022	10:50
5	RL Check	0.01	1	100	100		1.74	0.000	0.008	0.008	0.009	02/04/2022	10:52
6	LB118526BL		1	100	100		1.95	0.000	0.001	0.001	0.000	02/04/2022	10:53
7	LB118526BS	0.5	1	100	100		2.09	0.000	0.392	0.392	0.499	02/04/2022	10:55
8	N1396-01		1	100	100		2.40	0.002	0.002	0.000	-0.001	02/04/2022	10:56
9	N1396-01DU		1	100	100		2.32	0.003	0.003	0.000	-0.001	02/04/2022	10:57
10	N1396-01MS	1	2	100	100		2.29	0.002	0.393	0.391	0.498	02/04/2022	10:58
11	N1396-01MS	1	2	100	100		1.78	0.002	0.392	0.390	0.497	02/04/2022	10:59
12	N1396-03		1	100	100		1.95	0.004	0.004	0.000	-0.001	02/04/2022	11:00
13	N1396-05		1	100	100		1.82	0.002	0.002	0.000	-0.001	02/04/2022	11:01
14	CCV2	0.5	1	100	100		2.05	0.000	0.391	0.391	0.498	02/04/2022	11:02
15	CCB2		1	100	100		1.88	0.001	0.002	0.001	0.000	02/04/2022	11:04

WORKLIST(Hardcopy Internal Chain)

LB118526

WorkList Name : hex2322 WorkList ID : 156562 Department : Wet-Chemistry Date : 02-03-2022 17:21:08

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/10/2022	Water	N1396-01	C Hexavalent Chromium	Ammonium sul	PSEG04	M11	DSN002	02/03/2022	7196A
02/10/2022	Water	N1396-03	C Hexavalent Chromium	Ammonium sul	PSEG04	M11	DSN001	02/03/2022	7196A
02/10/2022	Water	N1396-05	C Hexavalent Chromium	Ammonium sul	PSEG04	M11	RWS003	02/03/2022	7196A

Date/Time 02/04/22 10:15
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: 12/21

Date/Time 02/04/22 11:10
 Raw Sample Received by: 12/21
 Raw Sample Relinquished by: KS (WC)