

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113807

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP90306
Calibration Std. hexchrome 0.05 ppm	WP90307
calibration std. hexchrome 0.01 ppm	WP90308
calibration std. hexchrome 0 ppm	WP90309
hexavalent chromium color reagent	WP90302
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP90310
Hexavalent Chromium ICV-LCS Std	WP90311
Calibration and CCV std HexChrome 0.5PPM	WP90305
Calibration std HexChrome 1.0PPM	WP90304

Intercept: -0.0007

Slope: 0.7809

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		2.07	0.000	0.000	0.000	0.000		04/02/2021	14:15
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.008	20	04/02/2021	14:16
3	CAL3	0.025	1	100	100		1.85	0.000	0.018	0.018	0.023	8	04/02/2021	14:17
4	CAL4	0.05	1	100	100		1.74	0.000	0.038	0.038	0.049	2	04/02/2021	14:18
5	CAL5	0.1	1	100	100		2.06	0.000	0.079	0.079	0.102	-2	04/02/2021	14:19
6	CAL6	0.5	1	100	100		1.96	0.000	0.390	0.390	0.500	0	04/02/2021	14:20
7	CAL7	1	1	100	100		2.07	0.000	0.780	0.780	0.999	0.1	04/02/2021	14:21



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Run Number: LB113807

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		2.32	0.000	0.378	0.378	0.485	04/02/2021	14:22
2	ICB		1	100	100		2.16	0.000	0.000	0.000	0.001	04/02/2021	14:23
3	CCV1	0.5	1	100	100		2.12	0.000	0.382	0.382	0.490	04/02/2021	14:35
4	CCB1		1	100	100		2.32	0.000	0.000	0.000	0.001	04/02/2021	14:36
5	RL Check	0.01	1	100	100		2.42	0.000	0.007	0.007	0.010	04/02/2021	14:37
6	LB113807BL		1	100	100		2.17	0.000	0.000	0.000	0.001	04/02/2021	14:38
7	LB113807BS	0.5	1	100	100		1.87	0.000	0.405	0.405	0.520	04/02/2021	14:39
8	M1894-03		1	100	100		1.96	0.000	0.000	0.000	0.001	04/02/2021	14:40
9	M1894-03DU		1	100	100		1.85	0.000	0.000	0.000	0.001	04/02/2021	14:41
10	M1894-03MS	1	2	100	100		1.74	0.000	0.402	0.402	0.516	04/02/2021	14:42
11	M1894-03MS	1	2	100	100		2.08	0.000	0.403	0.403	0.517	04/02/2021	14:43
12	CCV2	0.5	1	100	100		2.28	0.000	0.381	0.381	0.489	04/02/2021	14:44
13	CCB2		1	100	100		1.75	0.000	0.000	0.000	0.001	04/02/2021	14:45

WORKLIST(Hardcopy Internal Chain)

LB113807

WorkList Name : hex4121-1

WorkList ID : 147659

Department : Wet-Chemistry

Date : 04-01-2021 11:50:12

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/15/2021	Water	M1894-03	Hexavalent Chromium	Ammonium sul	AQUA04	L31	20210154-FIELD-BLANK	03/30/2021	7196A

Date/Time 04/02/21 13:30
 Received by: KS (Wetchem)
 Relinquished by: SP (wet (norm))

Date/Time 04/02/21 14:50
 Received by: SP (wet chem)
 Relinquished by: KS (Wetchem)