

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117879

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP94452
Calibration Std. hexchrome 0.05 ppm	WP94453
calibration std. hexchrome 0.01 ppm	WP94454
calibration std. hexchrome 0 ppm	WP94456
hexavalent chromium color reagent	WP94409
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841
Calibration Std Hexachrome 0.025 ppm	WP94455
Hexavalent Chromium ICV-LCS Std	WP94457
Calibration and CCV std HexChrome 0.5PPM	WP94451
Calibration std HexChrome 1.0PPM	WP94450

Intercept: 0.0005

Slope: 0.7795

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		2.15	0.000	0.001	0.001	0.000		12/19/2021	11:35
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	20	12/19/2021	11:36
3	CAL3	0.025	1	100	100		1.74	0.000	0.019	0.019	0.023	8	12/19/2021	11:37
4	CAL4	0.05	1	100	100		1.95	0.000	0.040	0.040	0.050	0	12/19/2021	11:40
5	CAL5	0.1	1	100	100		2.08	0.000	0.080	0.080	0.101	-1	12/19/2021	11:41
6	CAL6	0.5	1	100	100		2.30	0.000	0.390	0.390	0.499	0.2	12/19/2021	11:42
7	CAL7	1	1	100	100		2.24	0.000	0.780	0.780	1	0	12/19/2021	11:45



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Run Number: LB117879

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		2.08	0.000	0.389	0.389	0.498	12/19/2021	11:48
2	ICB		1	100	100		1.78	0.000	0.000	0.000	-0.001	12/19/2021	11:50
3	CCV1	0.5	1	100	100		1.95	0.000	0.392	0.392	0.502	12/19/2021	11:51
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	-0.001	12/19/2021	11:52
5	RL Check	0.01	1	100	100		2.30	0.000	0.008	0.008	0.010	12/19/2021	11:53
6	LB117879BL		1	100	100		2.18	0.000	0.000	0.000	-0.001	12/19/2021	11:55
7	LB117879BS	0.5	1	100	100		2.20	0.000	0.398	0.398	0.510	12/19/2021	11:56
8	M5165-01		1	100	100		1.88	0.003	0.003	0.000	-0.001	12/19/2021	11:58
9	M5165-01DU		1	100	100		1.74	0.002	0.002	0.000	-0.001	12/19/2021	11:59
10	M5165-01MS	1	2	100	100		1.95	0.002	0.396	0.394	0.505	12/19/2021	12:00
11	M5165-01MS	1	2	100	100		2.05	0.003	0.398	0.395	0.506	12/19/2021	12:02
12	M5165-02		1	100	100		1.74	0.004	0.004	0.000	-0.001	12/19/2021	12:05
13	CCV2	0.5	1	100	100		1.95	0.000	0.391	0.391	0.501	12/19/2021	12:06
14	CCB2		1	100	100		2.18	0.000	0.000	0.000	-0.001	12/19/2021	12:08

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex121921 WorkList ID : 155363 Department : Wet-Chemistry Date : 12-19-2021 10:38:04

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/20/2021	Water	M5165-01	Hexavalent Chromium	Ammonium sul	ENVI27	H43	EXCAVATION-INFLUENT	12/17/2021	7196A
12/20/2021	Water	M5165-02	Hexavalent Chromium	Ammonium sul	ENVI27	H43	EXCAVATION-EFFLUENT	12/17/2021	7196A

Date/Time 12/19/21 10:45
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: MH (WC)

Date/Time 12/19/21 12:15
 Raw Sample Received by: MB (WC)
 Raw Sample Relinquished by: KS (WC)