

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113164

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP89527
Calibration Std. hexchrome 0.05 ppm	WP89528
calibration std. hexchrome 0.01 ppm	WP89529
calibration std. hexchrome 0 ppm	WP89530
hexavalent chromium color reagent	WP89532
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024
Calibration Std Hexachrome 0.025 ppm	WP89533
Hexavalent Chromium ICV-LCS Std	WP89531
Calibration and CCV std HexChrome 0.5PPM	WP89526
Calibration std HexChrome 1.0PPM	WP89525

Intercept: -0.0003

Slope: 0.7829

Regression: 0.999991

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	0.000		02/17/2021	11:10
2	CAL2	0.01	1	100	100		2.14	0.000	0.006	0.006	0.008	20	02/17/2021	11:11
3	CAL3	0.025	1	100	100		1.97	0.000	0.018	0.018	0.023	8	02/17/2021	11:12
4	CAL4	0.05	1	100	100		1.79	0.000	0.039	0.039	0.050	0	02/17/2021	11:13
5	CAL5	0.1	1	100	100		1.87	0.000	0.080	0.080	0.102	-2	02/17/2021	11:14
6	CAL6	0.5	1	100	100		2.16	0.000	0.392	0.392	0.501	-0.2	02/17/2021	11:15
7	CAL7	1	1	100	100		2.34	0.000	0.782	0.782	0.999	0.1	02/17/2021	11:16

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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		2.08	0.000	0.385	0.385	0.492	02/17/2021	11:17
2	ICB		1	100	100		2.15	0.000	0.000	0.000	0.000	02/17/2021	11:18
3	CCV1	0.5	1	100	100		1.98	0.000	0.390	0.390	0.499	02/17/2021	11:19
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.000	02/17/2021	11:20
5	1b113164BL		1	100	100		2.06	0.000	0.000	0.000	0.000	02/17/2021	11:21
6	1b113164BS	0.5	1	100	100		2.34	0.000	0.398	0.398	0.509	02/17/2021	11:22
7	M1432-03		1	100	100		2.18	0.003	0.003	0.000	0.000	02/17/2021	11:23
8	M1432-03DU		1	100	100		1.97	0.002	0.002	0.000	0.000	02/17/2021	11:24
9	M1432-03MS	1	2	100	100		2.28	0.002	0.373	0.371	0.474	02/17/2021	11:25
10	M1432-03MS	1	2	100	100		1.78	0.003	0.375	0.372	0.476	02/17/2021	11:26
11	CCV2	0.5	1	100	100		1.89	0.000	0.389	0.389	0.497	02/17/2021	11:27
12	CCB2		1	100	100		1.96	0.000	0.000	0.000	0.000	02/17/2021	11:28

WORKLIST(Hardcopy Internal Chain)

LB 113164

WorkList Name : hex21721 WorkList ID : 146469 Department : Wet-Chemistry Date : 02-17-2021 10:43:17

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/17/2021	Water	M1432-03 B	Hexavalent Chromium	Ammonium sul	JACO05	G51	GWBR2-SC-93-021621	02/16/2021	7196A

Date/Time 02/17/21 10:45
 Received by: KS (Welcher)
 Relinquished by: KS (Welcher)

Date/Time 02/17/21 11:30
 Received by: KS (Welcher)
 Relinquished by: KS (Welcher)