

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116642

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP93215
Calibration Std. hexchrome 0.05 ppm	WP93216
calibration std. hexchrome 0.01 ppm	WP93217
calibration std. hexchrome 0 ppm	WP93218
hexavalent chromium color reagent	WP93161
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
HEX LOD STD, 0.005PPM	WP93199
Hex LOQ Std, 0.01PPM	WP93200
Calibration Std Hexachrome 0.025 ppm	WP93220
Hexavalent Chromium ICV-LCS Std	WP93219
Calibration and CCV std HexChrome 0.5PPM	WP93214

Intercept: -0.0007

Slope: 0.7833

Regression: 0.999994

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		2.08	0.000	0.000	0.000	0.000		10/04/2021	16:02
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.008	20	10/04/2021	16:03
3	CAL3	0.025	1	100	100		1.75	0.000	0.018	0.018	0.023	8	10/04/2021	16:04
4	CAL4	0.05	1	100	100		2.18	0.000	0.038	0.038	0.049	2	10/04/2021	16:05
5	CAL5	0.1	1	100	100		2.34	0.000	0.079	0.079	0.101	-1	10/04/2021	16:06
6	CAL6	0.5	1	100	100		2.25	0.000	0.392	0.392	0.501	-0.2	10/04/2021	16:07
7	CAL7	1	1	100	100		1.88	0.000	0.782	0.782	0.999	0.1	10/04/2021	16:08

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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		2.15	0.000	0.390	0.390	0.499	10/04/2021	16:10
2	ICB		1	100	100		2.34	0.000	0.000	0.000	0.001	10/04/2021	16:11
3	CCV1	0.5	1	100	100		2.25	0.000	0.389	0.389	0.498	10/04/2021	16:12
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.001	10/04/2021	16:13
5	RL Check	0.01	1	100	100		1.72	0.000	0.008	0.008	0.011	10/04/2021	16:15
6	lb116642BL		1	100	100		1.80	0.000	0.000	0.000	0.001	10/04/2021	16:16
7	lb116642BS	0.5	1	100	100		2.09	0.000	0.388	0.388	0.496	10/04/2021	16:17
8	M4022-08		1	100	100		2.14	0.000	0.005	0.005	0.007	10/04/2021	16:18
9	M4022-09		1	100	100		2.30	0.000	0.007	0.007	0.010	10/04/2021	16:19
10	M4059-01		1	100	100		2.25	0.000	0.000	0.000	0.001	10/04/2021	16:20
11	M4059-01DU		1	100	100		2.14	0.000	0.000	0.000	0.001	10/04/2021	16:21
12	M4059-01MS	1	2	100	100		2.34	0.000	0.400	0.400	0.512	10/04/2021	16:25
13	M4059-01MS	1	2	100	100		2.21	0.000	0.399	0.399	0.510	10/04/2021	16:26
14	CCV2	0.5	1	100	100		1.88	0.000	0.391	0.391	0.500	10/04/2021	16:27
15	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.001	10/04/2021	16:28

WORKLIST(Hardcopy Internal Chain)

LB116642

WorkList Name : hex10421-1 WorkList ID : 152901 Department : Wet-Chemistry Date : 10-04-2021 15:35:13

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/21/2021	Water	M4022-08	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOD-MDL-WATER-01-QT	10/01/2021	7196A
10/21/2021	Water	M4022-09	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOQ-WATER-02-QT4-20	10/01/2021	7196A
10/18/2021	Water	M4059-01	✗ Hexavalent Chromium	Ammonium sul	PSEG03	J61	SH-SUMP	10/04/2021	7196A

Date/Time 10/04/21 15:40
 Raw Sample Received by: KS (w/c)
 Raw Sample Relinquished by: SD (w/c)

Date/Time 10/04/21 16:30
 Raw Sample Received by: SD (w/c)
 Raw Sample Relinquished by: KS (w/c)