

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116758

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP93357
Calibration Std. hexchrome 0.05 ppm	WP93358
calibration std. hexchrome 0.01 ppm	WP93359
calibration std. hexchrome 0 ppm	WP93360
hexavalent chromium color reagent	WP93363
0.2N SULFURIC ACID	WP91740
HEX LOD STD, 0.005PPM	WP93364
Calibration Std Hexachrome 0.025 ppm	WP93362
Hexavalent Chromium ICV-LCS Std	WP93361
Calibration and CCV std HexChrome 0.5PPM	WP93356
Calibration std HexChrome 1.0PPM	WP93355

Intercept: -0.0012

Slope: 0.7831

Regression: 0.999996

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	0.001		10/08/2021	15:45
2	CAL2	0.01	1	100	100		2.14	0.000	0.006	0.006	0.009	10	10/08/2021	15:46
3	CAL3	0.025	1	100	100		2.35	0.000	0.017	0.017	0.023	8	10/08/2021	15:47
4	CAL4	0.05	1	100	100		2.20	0.000	0.038	0.038	0.050	0	10/08/2021	15:48
5	CAL5	0.1	1	100	100		2.41	0.000	0.078	0.078	0.101	-1	10/08/2021	15:49
6	CAL6	0.5	1	100	100		2.09	0.000	0.390	0.390	0.499	0.2	10/08/2021	15:50
7	CAL7	1	1	100	100		1.95	0.000	0.782	0.782	1.000	0	10/08/2021	15:51

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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		1.76	0.000	0.389	0.389	0.498	10/08/2021	15:52
2	ICB		1	100	100		1.90	0.000	0.000	0.000	0.002	10/08/2021	15:53
3	CCV1	0.5	1	100	100		1.85	0.000	0.390	0.390	0.500	10/08/2021	15:54
4	CCB1		1	100	100		2.15	0.000	0.000	0.000	0.002	10/08/2021	15:55
5	RL Check	0.01	1	100	100		2.36	0.000	0.008	0.008	0.012	10/08/2021	15:56
6	LB116758BL		1	100	100		2.28	0.000	0.000	0.000	0.002	10/08/2021	15:57
7	LB116758BS	0.5	1	100	100		2.08	0.000	0.398	0.398	0.510	10/08/2021	15:59
8	M4068-12		1	100	100		1.88	0.000	0.004	0.004	0.007	10/08/2021	16:02
9	M4096-06		1	100	100		1.74	0.003	0.003	0.000	0.002	10/08/2021	16:03
10	M4104-01		1	100	100		1.94	0.002	0.002	0.000	0.002	10/08/2021	16:04
11	M4104-01DU		1	100	100		2.10	0.002	0.002	0.000	0.002	10/08/2021	16:05
12	M4104-01MS	1	2	100	100		2.34	0.003	0.386	0.383	0.491	10/08/2021	16:06
13	M4104-01MS	1	2	100	100		2.42	0.002	0.385	0.383	0.491	10/08/2021	16:07
14	CCV2	0.5	1	100	100		2.30	0.000	0.387	0.387	0.496	10/08/2021	16:08
15	CCB2		1	100	100		2.16	0.000	0.000	0.000	0.002	10/08/2021	16:09

WORKLIST(Hardcopy Internal Chain)

LB 116758

WorkList Name : HEX10821-1 WorkList ID : 153099 Department : Wet-Chemistry Date : 10-08-2021 15:14:23

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/21/2021	Water	M4068-12	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	MDL-WATER-06-QT4-202	10/01/2021	SM3500-Cr B
10/19/2021	Water	M4096-06	Hexavalent Chromium	Ammonium sul	URSC05	D11	A3SEEP-100521	10/05/2021	SM3500-Cr B
10/19/2021	Water	M4104-01	Hexavalent Chromium	Cool 4 deg C	DIST01	K11	55TH-ST-33	10/06/2021	SM3500-Cr B

Date/Time 10/08/21 15:15
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: KS (wc)

Date/Time 10/08/21 16:15
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: KS (wc)