

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114333

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP90858
Calibration Std. hexchrome 0.05 ppm	WP90859
calibration std. hexchrome 0.01 ppm	WP90860
calibration std. hexchrome 0 ppm	WP90861
hexavalent chromium color reagent	WP90783
0.2N SULFURIC ACID	WP88532
HEX LOD STD, 0.005PPM	WP90853
Hex LOQ Std, 0.01PPM	WP90854
Calibration Std Hexachrome 0.025 ppm	WP90862
Hexavalent Chromium ICV-LCS Std	WP90863
Calibration and CCV std HexChrome 0.5PPM	WP90857
Calibration std HexChrome 1.0PPM	WP90856

Intercept: -0.0011

Slope: 0.7834

Regression: 0.999995

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		2.09	0.000	0.000	0.000	0.001		05/07/2021	11:32
2	CAL2	0.01	1	100	100		1.87	0.000	0.006	0.006	0.009	10	05/07/2021	11:33
3	CAL3	0.025	1	100	100		1.78	0.000	0.017	0.017	0.023	8	05/07/2021	11:34
4	CAL4	0.05	1	100	100		1.95	0.000	0.038	0.038	0.049	2	05/07/2021	11:35
5	CAL5	0.1	1	100	100		2.14	0.000	0.078	0.078	0.100	0	05/07/2021	11:36
6	CAL6	0.5	1	100	100		2.32	0.000	0.391	0.391	0.500	0	05/07/2021	11:37
7	CAL7	1	1	100	100		2.41	0.000	0.782	0.782	0.999	0.1	05/07/2021	11:38

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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	0.386	0.386	0.494	05/07/2021	11:39
2	ICB		1	100	100		2.32	0.000	0.000	0.000	0.001	05/07/2021	11:40
3	CCV1	0.5	1	100	100		2.25	0.000	0.384	0.384	0.492	05/07/2021	11:41
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	0.001	05/07/2021	11:42
5	RL Check	0.01	1	100	100		1.92	0.000	0.007	0.007	0.010	05/07/2021	11:43
6	LB114333BL		1	100	100		1.85	0.000	0.000	0.000	0.001	05/07/2021	11:44
7	LB114333BS	0.5	1	100	100		2.09	0.000	0.407	0.407	0.521	05/07/2021	11:45
8	M2262-10		1	100	100		2.14	0.000	0.003	0.003	0.005	05/07/2021	11:46
9	M2262-11		1	100	100		2.20	0.000	0.008	0.008	0.012	05/07/2021	11:47
10	M2307-03		1	100	100		2.30	0.001	0.001	0.000	0.001	05/07/2021	11:48
11	M2307-03DU		1	100	100		1.74	0.001	0.001	0.000	0.001	05/07/2021	11:48
12	M2307-03MS	1	2	100	100		1.95	0.001	0.353	0.352	0.451	05/07/2021	11:49
13	M2307-03MS	1	2	100	100		2.08	0.001	0.354	0.353	0.452	05/07/2021	11:50
14	M2307-04		1	100	100		2.31	0.002	0.002	0.000	0.001	05/07/2021	11:51
15	CCV2	0.5	1	100	100		2.14	0.000	0.383	0.383	0.490	05/07/2021	11:52
16	CCB2		1	100	100		2.29	0.000	0.000	0.000	0.001	05/07/2021	11:53

WORKLIST(Hardcopy Internal Chain)

LB114333

WorkList Name : hex5721 WorkList ID : 148690 Department : Wet-Chemistry Date : 05-07-2021 09:09:17

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/24/2021	Water	M2262-10	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOD-MDL-WATER-04-QT	05/03/2021	SM3500-Cr B
05/24/2021	Water	M2262-11	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOQ-WATER-05-QT2-202	05/03/2021	SM3500-Cr B
05/12/2021	Water	M2307-03	Hexavalent Chromium	Ammonium sul	LIRO01	P51	MW-05	05/05/2021	SM3500-Cr B
05/12/2021	Water	M2307-04	Hexavalent Chromium	Ammonium sul	LIRO01	P51	MW-18	05/05/2021	SM3500-Cr B

Date/Time 05/07/21 09:15
 Raw Sample Received by: KS (wetchem)
 Raw Sample Relinquished by: AM (wetchem)

Date/Time 05/07/21 12:00
 Raw Sample Received by: AM (wetchem)
 Raw Sample Relinquished by: KS (wetchem)