



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116629

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93161
0.2N SULFURIC ACID	WP91740
HEX LOD STD, 0.005PPM	WP93199
Hex LOQ Std, 0.01PPM	WP93200

Intercept: -0.0011

Slope: 0.7822

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		2.05	0.000	0.000	0.000	0.001		10/04/2021	11:32
2	CAL2	0.01	1	100	100		1.95	0.000	0.006	0.006	0.009	10	10/04/2021	11:33
3	CAL3	0.025	1	100	100		1.74	0.000	0.017	0.017	0.023	8	10/04/2021	11:34
4	CAL4	0.05	1	100	100		1.82	0.000	0.038	0.038	0.049	2	10/04/2021	11:35
5	CAL5	0.1	1	100	100		2.14	0.000	0.078	0.078	0.101	-1	10/04/2021	11:36
6	CAL6	0.5	1	100	100		2.34	0.000	0.390	0.390	0.5	0	10/04/2021	11:37
7	CAL7	1	1	100	100		2.25	0.000	0.781	0.781	0.999	0.1	10/04/2021	11:38

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116629

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		2.16	0.000	0.390	0.390	0.500	10/04/2021	11:40
2	ICB		1	100	100		2.34	0.000	0.000	0.000	0.001	10/04/2021	11:41
3	CCV1	0.5	1	100	100		2.28	0.000	0.389	0.389	0.499	10/04/2021	11:42
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.001	10/04/2021	11:43
5	RL Check	0.01	1	100	100		1.95	0.000	0.008	0.008	0.012	10/04/2021	11:45
6	LB116629BL		1	100	100		1.74	0.000	0.000	0.000	0.001	10/04/2021	11:46
7	LB116629BS	0.5	1	100	100		1.85	0.000	0.390	0.390	0.500	10/04/2021	11:47
8	M4022-11		1	100	100		2.30	0.000	0.003	0.003	0.005	10/04/2021	11:48
9	M4022-12		1	100	100		2.18	0.000	0.008	0.008	0.012	10/04/2021	11:50
10	M4049-01		1	100	100		2.20	0.003	0.003	0.000	0.001	10/04/2021	11:51
11	M4049-01DU		1	100	100		1.98	0.004	0.004	0.000	0.001	10/04/2021	11:52
12	M4049-01MS	1	2	100	100		1.74	0.003	0.380	0.377	0.483	10/04/2021	11:53
13	M4049-01MS	1	2	100	100		1.82	0.004	0.381	0.377	0.483	10/04/2021	11:54
14	CCV2	0.5	1	100	100		1.95	0.000	0.391	0.391	0.501	10/04/2021	11:55
15	CCB2		1	100	100		2.34	0.000	0.000	0.000	0.001	10/04/2021	11:56

WORKLIST(Hardcopy Internal Chain)

LB116629

WorkList Name : HEX10421 WorkList ID : 152882 Department : Wet-Chemistry Date : 10-04-2021 10:49:39

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/21/2021	Water	M4022-11	Hexavalent Chromium ✓	Cool 4 deg C	CHEM02	QA Office	LOD-MDL-WATER-04-QT	10/01/2021	SM3500-Cr B
10/21/2021	Water	M4022-12	Hexavalent Chromium ✓	Cool 4 deg C	CHEM02	QA Office	LOQ-WATER-05-QT4-20%	10/01/2021	SM3500-Cr B
10/15/2021	Water	M4049-01	Hexavalent Chromium D	Ammonium sul	JPCL01		MW-1	10/01/2021	SM3500-Cr B

Date/Time 10/04/21 10:50
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: JA (WC)

Date/Time 10/04/21 12:00
 Raw Sample Received by: JA (WC)
 Raw Sample Relinquished by: KS (WC)