

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121467

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP98341
Calibration Std. hexchrome 0.05 ppm	WP98342
calibration std. hexchrome 0.01 ppm	WP98343
calibration std. hexchrome 0 ppm	WP98344
hexavalent chromium color reagent	WP98316
0.2N SULFURIC ACID	WP97942
Calibration Std Hexachrome 0.025 ppm	WP98346
Hexavalent Chromium ICV-LCS Std	WP98345
Calibration and CCV std HexChrome 0.5PPM	WP98340
Calibration std HexChrome 1.0PPM	WP98339

Intercept: -0.0009

Slope: 0.7811

Regression: 0.999997

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		2.06	0.000	0.000	0.000	0.001		08/11/2022	16:25
2	CAL2	0.01	1	100	100		2.14	0.000	0.006	0.006	0.008	20	08/11/2022	16:26
3	CAL3	0.025	1	100	100		2.30	0.000	0.018	0.018	0.024	4	08/11/2022	16:27
4	CAL4	0.05	1	100	100		2.25	0.000	0.038	0.038	0.049	2	08/11/2022	16:28
5	CAL5	0.1	1	100	100		1.75	0.000	0.078	0.078	0.101	-1	08/11/2022	16:30
6	CAL6	0.5	1	100	100		1.96	0.000	0.390	0.390	0.500	0	08/11/2022	16:31
7	CAL7	1	1	100	100		1.82	0.000	0.780	0.780	0.999	0.1	08/11/2022	16:32



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121467

pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HNO3	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	0.390	0.390	0.500	08/11/2022	16:35
2	ICB		1	100	100		1.75	0.000	0.000	0.000	0.001	08/11/2022	16:36
3	CCV1	0.5	1	100	100		1.82	0.000	0.389	0.389	0.499	08/11/2022	16:37
4	CCB1		1	100	100		1.96	0.000	0.000	0.000	0.001	08/11/2022	16:38
5	RL Check	0.01	1	100	100		2.10	0.000	0.008	0.008	0.011	08/11/2022	16:39
6	lb121467BL		1	100	100		2.34	0.000	0.001	0.001	0.002	08/11/2022	16:40
7	lb121467BS	0.5	1	100	100		2.25	0.000	0.387	0.387	0.497	08/11/2022	16:41
8	N4154-01		1	100	100		1.88	0.005	0.005	0.000	0.001	08/11/2022	16:42
9	N4154-01DU		1	100	100		1.74	0.004	0.005	0.001	0.002	08/11/2022	16:43
10	N4154-01MS	1	2	100	100		1.92	0.003	0.375	0.372	0.477	08/11/2022	16:45
11	N4154-01MS	1	2	100	100		2.03	0.004	0.376	0.372	0.477	08/11/2022	16:46
12	N4154-03		1	100	100		2.16	0.003	0.003	0.000	0.001	08/11/2022	16:47
13	CCV2	0.5	1	100	100		2.34	0.000	0.388	0.388	0.498	08/11/2022	16:48
14	CCB2		1	100	100		2.20	0.000	0.001	0.001	0.002	08/11/2022	16:50

WORKLIST(Hardcopy Internal Chain)

LB121467

WorkList Name : hex81122-1

WorkList ID : 162203

Department : Wet-Chemistry

Date : 08-11-2022 09:24:18

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/15/2022	Water	N4154-01	Hexavalent Chromium	Ammonium sul	PSEG03	J11	WV-TOTECOMP-1	08/10/2022	SM3500-Cr B
08/15/2022	Water	N4154-03	Hexavalent Chromium	Ammonium sul	PSEG03	J11	WV-TOTECOMP-2	08/10/2022	SM3500-Cr B

Date/Time 08/11/22 16:00
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: JH(wc)

Date/Time 08/11/22 16:55
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: KS(wc)