

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118163

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP94749
Calibration Std. hexchrome 0.05 ppm	WP94750
calibration std. hexchrome 0.01 ppm	WP94751
calibration std. hexchrome 0 ppm	WP94753
hexavalent chromium color reagent	WP94677
0.2N SULFURIC ACID	WP94567
Calibration Std Hexachrome 0.025 ppm	WP94752
Hexavalent Chromium ICV-LCS Std	WP94754
Calibration and CCV std HexChrome 0.5PPM	WP94748
Calibration std HexChrome 1.0PPM	WP94747

Intercept: -0.0002

Slope: 0.7819

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		1.79	0.000	0.000	0.000	0.000		01/11/2022	17:02
2	CAL2	0.01	1	100	100		1.95	0.000	0.007	0.007	0.009	10	01/11/2022	17:03
3	CAL3	0.025	1	100	100		1.82	0.000	0.018	0.018	0.023	8	01/11/2022	17:04
4	CAL4	0.05	1	100	100		2.08	0.000	0.039	0.039	0.050	0	01/11/2022	17:05
5	CAL5	0.1	1	100	100		2.15	0.000	0.079	0.079	0.101	-1	01/11/2022	17:06
6	CAL6	0.5	1	100	100		2.30	0.000	0.392	0.392	0.501	-0.2	01/11/2022	17:07
7	CAL7	1	1	100	100		2.26	0.000	0.781	0.781	0.999	0.1	01/11/2022	17:08



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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		2.34	0.000	0.390	0.390	0.499	01/11/2022	17:15
2	ICB		1	100	100		2.16	0.000	0.000	0.000	0.000	01/11/2022	17:16
3	CCV1	0.5	1	100	100		2.20	0.000	0.389	0.389	0.498	01/11/2022	17:17
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.000	01/11/2022	17:18
5	RL Check	0.01	1	100	100		1.74	0.000	0.008	0.008	0.010	01/11/2022	17:19
6	LB118163BL		1	100	100		1.96	0.000	0.000	0.000	0.000	01/11/2022	17:20
7	LB118163BS	0.5	1	100	100		2.10	0.000	0.392	0.392	0.502	01/11/2022	17:21
8	N1098-03		1	100	100		2.35	0.003	0.003	0.000	0.000	01/11/2022	17:22
9	N1098-03DU		1	100	100		2.20	0.002	0.002	0.000	0.000	01/11/2022	17:23
10	N1098-03MS	1	2	100	100		1.74	0.003	0.382	0.379	0.485	01/11/2022	17:24
11	N1098-03MS	1	2	100	100		1.95	0.002	0.384	0.382	0.489	01/11/2022	17:25
12	CCV2	0.5	1	100	100		1.85	0.000	0.390	0.390	0.499	01/11/2022	17:26
13	CCB2		1	100	100		2.09	0.000	0.000	0.000	0.000	01/11/2022	17:28

WORKLIST(Hardcopy Internal Chain)

LB118763

WorkList Name : HEX11122 WorkList ID : 155916 Department : Wet-Chemistry Date : 01-11-2022 16:30:29

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/14/2022	Water	N1098-03	Hexavalent Chromium	Ammonium sul	PSEG03	I11	14-G-WATER	01/11/2022	SM3500-Cr B

Date/Time 01/11/22 16:35
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: 12 (WC)

Date/Time 01/11/22 17:30
 Raw Sample Received by: 12 (WC)
 Raw Sample Relinquished by: KS (WC)