

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: mohammad

Run Number: LB121060

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP97900
Calibration Std. hexchrome 0.05 ppm	WP97901
calibration std. hexchrome 0.01 ppm	WP97902
calibration std. hexchrome 0 ppm	WP97904
hexavalent chromium color reagent	WP97820
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568
Calibration Std Hexachrome 0.025 ppm	WP97903
Hexavalent Chromium ICV-LCS Std	WP97905
Calibration and CCV std HexChrome 0.5PPM	WP97899
Calibration std HexChrome 1.0PPM	WP97898

Intercept: -0.0002

Slope: 0.7836

Regression: 0.999991

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	0.000		07/14/2022	09:40
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.009	10	07/14/2022	09:41
3	CAL3	0.025	1	100	100		1.74	0.000	0.018	0.018	0.023	8	07/14/2022	09:42
4	CAL4	0.05	1	100	100		1.96	0.000	0.040	0.040	0.051	-2	07/14/2022	09:43
5	CAL5	0.1	1	100	100		2.30	0.000	0.080	0.080	0.102	-2	07/14/2022	09:44
6	CAL6	0.5	1	100	100		2.15	0.000	0.390	0.390	0.497	0.6	07/14/2022	09:45
7	CAL7	1	1	100	100		2.20	0.000	0.784	0.784	1.000	0	07/14/2022	09:46



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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		2.35	0.000	0.388	0.388	0.495	07/14/2022	09:50
2	ICB		1	100	100		2.16	0.000	0.000	0.000	0.000	07/14/2022	09:51
3	CCV1	0.5	1	100	100		2.25	0.000	0.381	0.381	0.486	07/14/2022	09:52
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	07/14/2022	09:53
5	RL Check	0.01	1	100	100		1.95	0.000	0.008	0.008	0.010	07/14/2022	09:54
6	lb121060BL		1	100	100		2.08	0.000	0.000	0.000	0.000	07/14/2022	09:55
7	lb121060BS	0.5	1	100	100		1.79	0.000	0.390	0.390	0.498	07/14/2022	09:56
8	N3707-01		1	100	100		1.95	0.003	0.003	0.000	0.000	07/14/2022	09:57
9	N3707-01DU		1	100	100		2.34	0.002	0.002	0.000	0.000	07/14/2022	09:58
10	N3707-01MS	1	2	100	100		2.16	0.002	0.373	0.371	0.474	07/14/2022	09:59
11	N3707-01MS	1	2	100	100		2.30	0.003	0.372	0.369	0.471	07/14/2022	10:00
12	CCV2	0.5	1	100	100		2.28	0.000	0.389	0.389	0.497	07/14/2022	10:01
13	CCB2		1	100	100		2.15	0.000	0.000	0.000	0.000	07/14/2022	10:02

WORKLIST(Hardcopy Internal Chain)

LB121060

WorkList Name : HEX71322 WorkList ID : 161339 Department : Wet-Chemistry Date : 07-13-2022 16:56:42

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
7/18/2022	Water	N3707-01	Hexavalent Chromium	Ammonium sul	PSEG03	G11	N48967	07/13/2022	7196A