

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116369

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP93004
Calibration Std. hexchrome 0.05 ppm	WP93005
calibration std. hexchrome 0.01 ppm	WP93006
calibration std. hexchrome 0 ppm	WP93008
hexavalent chromium color reagent	WP92943
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP92841
Calibration Std Hexachrome 0.025 ppm	WP93007
Hexavalent Chromium ICV-LCS Std	WP93009
Calibration and CCV std HexChrome 0.5PPM	WP93003
Calibration std HexChrome 1.0PPM	WP93002

Intercept: -0.0007

Slope: 0.7857

Regression: 0.999992

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		2.08	0.000	0.000	0.000	0.000		09/17/2021	14:20
2	CAL2	0.01	1	100	100		2.10	0.000	0.006	0.006	0.008	20	09/17/2021	14:21
3	CAL3	0.025	1	100	100		2.35	0.000	0.018	0.018	0.023	8	09/17/2021	14:22
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.049	2	09/17/2021	14:23
5	CAL5	0.1	1	100	100		1.95	0.000	0.079	0.079	0.101	-1	09/17/2021	14:24
6	CAL6	0.5	1	100	100		1.74	0.000	0.394	0.394	0.502	-0.4	09/17/2021	14:25
7	CAL7	1	1	100	100		2.16	0.000	0.784	0.784	0.998	0.2	09/17/2021	14:26



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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		2.15	0.000	0.389	0.389	0.496	09/17/2021	14:27
2	ICB		1	100	100		2.36	0.000	0.000	0.000	0.001	09/17/2021	14:28
3	CCV1	0.5	1	100	100		2.25	0.000	0.390	0.390	0.497	09/17/2021	14:29
4	CCB1		1	100	100		2.08	0.000	0.000	0.000	0.001	09/17/2021	14:30
5	RL Check	0.01	1	100	100		1.89	0.000	0.008	0.008	0.011	09/17/2021	14:32
6	LB116369BL		1	100	100		1.78	0.000	0.000	0.000	0.001	09/17/2021	14:33
7	LB116369BS	0.5	1	100	100		2.14	0.000	0.394	0.394	0.502	09/17/2021	14:34
8	M3786-07		1	100	100		2.34	0.003	0.003	0.000	0.001	09/17/2021	14:35
9	M3786-07DU		1	100	100		2.09	0.004	0.004	0.000	0.001	09/17/2021	14:36
10	M3786-07MS	1	2	100	100		2.17	0.003	0.401	0.398	0.507	09/17/2021	14:37
11	M3786-07MS	1	2	100	100		2.34	0.004	0.400	0.396	0.505	09/17/2021	14:38
12	CCV2	0.5	1	100	100		1.88	0.000	0.391	0.391	0.499	09/17/2021	14:39
13	CCB2		1	100	100		1.75	0.000	0.000	0.000	0.001	09/17/2021	14:40

WORKLIST(Hardcopy Internal Chain)

LB116369

WorkList Name : HEX91721 WorkList ID : 152353 Department : Wet-Chemistry Date : 09-17-2021 13:55:46

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/22/2021	Water	M3786-07	Hexavalent Chromium	Ammonium sul	PSEG03	H62	N71924	09/17/2021	7196A

Date/Time 09/17/21 14:00
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: JP (WC)

Date/Time 09/17/21 14:45
 Raw Sample Received by: JP (WC)
 Raw Sample Relinquished by: KS (WC)