

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113924

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP90467
Calibration Std. hexchrome 0.05 ppm	WP90471
calibration std. hexchrome 0.01 ppm	WP90469
calibration std. hexchrome 0 ppm	WP90475
hexavalent chromium color reagent	WP90481
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP90473
Hexavalent Chromium ICV-LCS Std	WP90477
Calibration and CCV std HexChrome 0.5PPM	WP90466
Calibration std HexChrome 1.0PPM	WP90465

Intercept: -0.0005

Slope: 0.7807

Regression: 0.999996

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		04/09/2021	17:35
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.009	10	04/09/2021	17:35
3	CAL3	0.025	1	100	100		1.98	0.000	0.018	0.018	0.023	8	04/09/2021	17:36
4	CAL4	0.05	1	100	100		2.06	0.000	0.038	0.038	0.049	2	04/09/2021	17:36
5	CAL5	0.1	1	100	100		1.78	0.000	0.079	0.079	0.101	-1	04/09/2021	17:37
6	CAL6	0.5	1	100	100		1.98	0.000	0.390	0.390	0.500	0	04/09/2021	17:38
7	CAL7	1	1	100	100		2.08	0.000	0.780	0.780	0.999	0.1	04/09/2021	17:38

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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		2.09	0.000	0.386	0.386	0.495	04/09/2021	17:39
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.001	04/09/2021	17:39
3	CCV1	0.5	1	100	100		1.98	0.000	0.385	0.385	0.494	04/09/2021	17:40
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	0.001	04/09/2021	17:40
5	RL Check	0.01	1	100	100		2.14	0.000	0.007	0.007	0.010	04/09/2021	17:41
6	LB113924BL		1	100	100		2.34	0.000	0.000	0.000	0.001	04/09/2021	17:41
7	LB113924BS	0.5	1	100	100		2.25	0.000	0.405	0.405	0.519	04/09/2021	17:42
8	M1998-13		1	100	100		1.89	0.001	0.001	0.000	0.001	04/09/2021	17:43
9	CCV2	0.5	1	100	100		1.75	0.000	0.384	0.384	0.493	04/09/2021	17:43
10	CCB2		1	100	100		2.09	0.000	0.000	0.000	0.001	04/09/2021	17:44

WORKLIST(Hardcopy Internal Chain)

LB113924

WorkList Name : HEX4921-1

WorkList ID : 147917

Department : Wet-Chemistry

Date : 04-09-2021 17:10:03

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/23/2021	Water	M1998-13	F	Hexavalent Chromium	Ammonium sul	BEMS01	O22	EB_2021-04-08-2021_SC	04/08/2021 7196A

Date/Time 04/09/21 17:12
 Raw Sample Received by: KS (Welcher)
 Raw Sample Relinquished by: AM (Witt-Chen)

Date/Time 04/09/21 17:45
 Raw Sample Received by: AM (Witt-Chen)
 Raw Sample Relinquished by: KS (Welcher)