

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113878

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP90408
Calibration Std. hexchrome 0.05 ppm	WP90409
calibration std. hexchrome 0.01 ppm	WP90410
calibration std. hexchrome 0 ppm	WP90412
hexavalent chromium color reagent	WP90302
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP90411
Hexavalent Chromium ICV-LCS Std	WP90413
Calibration and CCV std HexChrome 0.5PPM	WP90407
Calibration std HexChrome 1.0PPM	WP90406

Intercept: -0.0007

Slope: 0.7809

Regression: 0.999995

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		2.14	0.000	0.000	0.000	0.000		04/08/2021	11:35
2	CAL2	0.01	1	100	100		2.34	0.000	0.006	0.006	0.008	20	04/08/2021	11:36
3	CAL3	0.025	1	100	100		1.98	0.000	0.018	0.018	0.023	8	04/08/2021	11:37
4	CAL4	0.05	1	100	100		1.78	0.000	0.038	0.038	0.049	2	04/08/2021	11:38
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.102	-2	04/08/2021	11:39
6	CAL6	0.5	1	100	100		1.71	0.000	0.390	0.390	0.500	0	04/08/2021	11:40
7	CAL7	1	1	100	100		2.09	0.000	0.780	0.780	0.999	0.1	04/08/2021	11:41

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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		1.96	0.000	0.384	0.384	0.493	04/08/2021	11:42
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.001	04/08/2021	11:43
3	CCV1	0.5	1	100	100		1.87	0.000	0.385	0.385	0.494	04/08/2021	11:44
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.001	04/08/2021	11:45
5	RL Check	0.01	1	100	100		1.96	0.000	0.007	0.007	0.010	04/08/2021	11:46
6	LB113878BL		1	100	100		2.02	0.000	0.000	0.000	0.001	04/08/2021	11:47
7	LB113878BS	0.5	1	100	100		2.17	0.000	0.402	0.402	0.516	04/08/2021	11:48
8	M1966-01		1	100	100		2.34	0.004	0.004	0.000	0.001	04/08/2021	11:49
9	M1966-02		1	100	100		2.31	0.002	0.002	0.000	0.001	04/08/2021	11:50
10	M1966-03		1	100	100		2.25	0.003	0.003	0.000	0.001	04/08/2021	11:51
11	M1966-04		1	100	100		2.14	0.001	0.001	0.000	0.001	04/08/2021	11:52
12	M1966-05		1	100	100		1.89	0.005	0.005	0.000	0.001	04/08/2021	11:53
13	M1966-05DU		1	100	100		1.78	0.004	0.005	0.001	0.002	04/08/2021	11:54
14	M1966-06	1	2	100	100		1.77	0.003	0.355	0.352	0.452	04/08/2021	11:55
15	M1966-07	1	2	100	100		2.04	0.004	0.356	0.352	0.452	04/08/2021	11:56
16	CCV2	0.5	1	100	100		2.36	0.000	0.385	0.385	0.494	04/08/2021	11:57
17	CCB2		1	100	100		2.25	0.000	0.000	0.000	0.001	04/08/2021	11:58
18	M1966-08		1	100	100		2.14	0.002	0.002	0.000	0.001	04/08/2021	11:59
19	M1967-12		1	100	100		1.89	0.006	0.006	0.000	0.001	04/08/2021	12:00
20	M1967-13		1	100	100		1.78	0.003	0.003	0.000	0.001	04/08/2021	12:01
21	CCV3	0.5	1	100	100		2.06	0.000	0.387	0.387	0.496	04/08/2021	12:02
22	CCB3		1	100	100		1.78	0.000	0.000	0.000	0.001	04/08/2021	12:03

WORKLIST(Hardcopy Internal Chain)

LB 113878

WorkList Name : HEX4721 WorkList ID : 147828 Department : Wet-Chemistry Date : 04-07-2021 15:37:38

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/20/2021	Water	M1966-01	Hexavalent Chromium	Ammonium sul	BEMS01	L31	MW-122	04/06/2021	7196A
04/20/2021	Water	M1966-02	Hexavalent Chromium	Ammonium sul	BEMS01	L31	MW-119	04/06/2021	7196A
04/20/2021	Water	M1966-03	Hexavalent Chromium	Ammonium sul	BEMS01	L31	MW-110RR	04/06/2021	7196A
04/20/2021	Water	M1966-04	Hexavalent Chromium	Ammonium sul	BEMS01	L31	MW-115RR	04/06/2021	7196A
04/20/2021	Water	M1966-05	Hexavalent Chromium	Ammonium sul	BEMS01	L31	MW-123R	04/06/2021	7196A
04/20/2021	Water	M1966-06	Hexavalent Chromium	Ammonium sul	BEMS01	L31	M1966-05MS	04/06/2021	7196A
04/20/2021	Water	M1966-07	Hexavalent Chromium	Ammonium sul	BEMS01	L31	M1966-05MSD	04/06/2021	7196A
04/20/2021	Water	M1966-08	Hexavalent Chromium	Ammonium sul	BEMS01	L31	EB_2021-04-06_GW	04/06/2021	7196A
04/20/2021	Water	M1967-12	Hexavalent Chromium	Ammonium sul	BEMS01	O41	EB_2021-04-06_SO	04/06/2021	7196A
04/20/2021	Water	M1967-13	Hexavalent Chromium	Ammonium sul	BEMS01	O41	EB_2021-04-06_SED	04/06/2021	7196A

Date/Time 04/08/21 10:00
 Raw Sample Received by: KS (Wetchem)
 Raw Sample Relinquished by: AM (Wetchem)

Date/Time 04/08/21 12:05
 Raw Sample Received by: AM (Wetchem)
 Raw Sample Relinquished by: KS (Wetchem)