

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118266

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP94869
Calibration Std. hexchrome 0.05 ppm	WP94870
calibration std. hexchrome 0.01 ppm	WP94871
calibration std. hexchrome 0 ppm	WP94872
5N sulfuric acid	WP93692
Hexchrome Cleaning Solution	WP92841
Calibration Std Hexachrome 0.025 ppm	WP94874
Hexavalent Chromium ICV-LCS Std	WP94873
Calibration and CCV std HexChrome 0.5PPM	WP94868
Calibration std HexChrome 1.0PPM	WP94867

Intercept: 0.0002

Slope: 0.7831

Regression: 0.999996

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		2.08	0.000	0.000	0.000	-0.00		01/18/2022	14:25
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	20	01/18/2022	14:26
3	CAL3	0.025	1	100	100		1.75	0.000	0.019	0.019	0.024	4	01/18/2022	14:27
4	CAL4	0.05	1	100	100		1.96	0.000	0.040	0.040	0.050	0	01/18/2022	14:28
5	CAL5	0.1	1	100	100		2.15	0.000	0.080	0.080	0.101	-1	01/18/2022	14:29
6	CAL6	0.5	1	100	100		2.30	0.000	0.392	0.392	0.500	0	01/18/2022	14:30
7	CAL7	1	1	100	100		2.28	0.000	0.783	0.783	0.999	0.1	01/18/2022	14:32

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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		2.18	0.000	0.393	0.393	0.502	01/18/2022	14:35
2	ICB		1	100	100		2.09	0.000	0.000	0.000	0.000	01/18/2022	14:36
3	CCV1	0.5	1	100	100		1.72	0.000	0.390	0.390	0.498	01/18/2022	14:37
4	CCB1		1	100	100		1.90	0.000	0.000	0.000	0.000	01/18/2022	14:38
5	RL Check	0.01	1	100	100		2.05	0.000	0.008	0.008	0.010	01/18/2022	14:39
6	LB118266BL		1	100	100		1.88	0.000	0.000	0.000	0.000	01/18/2022	14:40
7	LB118266BS	0.5	1	100	100		1.73	0.000	0.392	0.392	0.500	01/18/2022	14:41
8	N1154-03		1	100	100		1.92	0.002	0.002	0.000	0.000	01/18/2022	14:42
9	N1154-03DU		1	100	100		2.16	0.003	0.003	0.000	0.000	01/18/2022	14:43
10	N1154-03MS	1	2	100	100		2.34	0.002	0.399	0.397	0.507	01/18/2022	14:44
11	N1154-03MS	1	2	100	100		2.20	0.003	0.400	0.397	0.507	01/18/2022	14:45
12	N1154-04		1	100	100		1.89	0.000	0.000	0.000	0.000	01/18/2022	14:46
13	N1154-05		1	100	100		1.74	0.003	0.003	0.000	0.000	01/18/2022	14:47
14	N1154-06		1	100	100		1.80	0.002	0.002	0.000	0.000	01/18/2022	14:48
15	N1154-07		1	100	100		2.29	0.001	0.001	0.000	0.000	01/18/2022	14:49
16	CCV2	0.5	1	100	100		2.14	0.000	0.391	0.391	0.499	01/18/2022	14:50
17	CCB2		1	100	100		2.34	0.000	0.000	0.000	0.000	01/18/2022	14:51
18	N1154-08		1	100	100		2.34	0.002	0.002	0.000	0.000	01/18/2022	14:52
19	CCV3	0.5	1	100	100		2.20	0.000	0.392	0.392	0.500	01/18/2022	14:53
20	CCB3		1	100	100		1.84	0.000	0.000	0.000	0.000	01/18/2022	14:54

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex11822-1 WorkList ID : 156096 Department : Wet-Chemistry Date : 01-18-2022 09:21:52

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/28/2022	Water	N1154-03	Hexavalent Chromium	Ammonium sul	AQUA04	J11	20220011-KEANSBURG-	01/13/2022	7196A
01/28/2022	Water	N1154-04	Hexavalent Chromium	Ammonium sul	AQUA04	J11	20220010-FIELD-BLANK	01/13/2022	7196A
01/28/2022	Water	N1154-05	Hexavalent Chromium	Ammonium sul	AQUA04	J11	20220031-KEANSBURG-	01/13/2022	7196A
01/28/2022	Water	N1154-06	Hexavalent Chromium	Ammonium sul	AQUA04	J11	20220031-KEANSBURG-	01/13/2022	7196A
01/28/2022	Water	N1154-07	Hexavalent Chromium	Ammonium sul	AQUA04	J11	20220032-KEANSBURG-	01/13/2022	7196A
01/28/2022	Water	N1154-08	Hexavalent Chromium	Ammonium sul	AQUA04	J11	20220032-KEANSBURG-	01/13/2022	7196A

Date/Time 01/18/22 14:00
 Raw Sample Received by: KS(OC)
 Raw Sample Relinquished by: KS(OC)

Date/Time 01/18/22
 Raw Sample Received by: KS(OC)
 Raw Sample Relinquished by: KS(OC)