

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118619

pH Meter ID: wc ph meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP95225
Calibration Std. hexchrome 0.05 ppm	WP95226
calibration std. hexchrome 0.01 ppm	WP95227
calibration std. hexchrome 0 ppm	WP95228
hexavalent chromium color reagent	WP95133
5N sulfuric acid	WP93692
Hexchrome Cleaning Solution	WP92841
Calibration Std Hexachrome 0.025 ppm	WP95230
Hexavalent Chromium ICV-LCS Std	WP95229
Calibration and CCV std HexChrome 0.5PPM	WP95224
Calibration std HexChrome 1.0PPM	WP95223

Intercept: 0.0006

Slope: 0.7826

Regression: 0.999992

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	0.001	0.001	0.000		02/10/2022	15:10
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	20	02/10/2022	15:11
3	CAL3	0.025	1	100	100		1.74	0.000	0.019	0.019	0.023	8	02/10/2022	15:12
4	CAL4	0.05	1	100	100		1.95	0.000	0.040	0.040	0.050	0	02/10/2022	15:13
5	CAL5	0.1	1	100	100		2.10	0.000	0.081	0.081	0.102	-2	02/10/2022	15:15
6	CAL6	0.5	1	100	100		2.35	0.000	0.392	0.392	0.500	0	02/10/2022	15:16
7	CAL7	1	1	100	100		2.20	0.000	0.783	0.783	0.999	0.1	02/10/2022	15:17

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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		2.15	0.000	0.391	0.391	0.499	02/10/2022	15:20
2	ICB		1	100	100		2.30	0.000	0.001	0.001	0.001	02/10/2022	15:21
3	CCV1	0.5	1	100	100		1.78	0.000	0.393	0.393	0.501	02/10/2022	15:22
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	-0.001	02/10/2022	15:23
5	RL Check	0.01	1	100	100		1.95	0.000	0.008	0.008	0.009	02/10/2022	15:24
6	LB118619BL		1	100	100		2.08	0.000	0.002	0.002	0.002	02/10/2022	15:25
7	LB118619BS	0.5	1	100	100		1.88	0.000	0.405	0.405	0.517	02/10/2022	15:26
8	N1477-07		1	100	100		1.72	0.000	0.000	0.000	-0.001	02/10/2022	15:27
9	N1477-08		1	100	100		2.05	0.002	0.002	0.000	-0.001	02/10/2022	15:28
10	N1477-08DU		1	100	100		2.16	0.001	0.002	0.001	0.001	02/10/2022	15:29
11	N1477-08MS	1	2	100	100		2.34	0.002	0.403	0.401	0.512	02/10/2022	15:30
12	N1477-08MS	1	2	100	100		2.20	0.001	0.402	0.401	0.512	02/10/2022	15:31
13	N1477-09		1	100	100		1.88	0.003	0.003	0.000	-0.001	02/10/2022	15:32
14	CCV2	0.5	1	100	100		1.97	0.000	0.390	0.390	0.498	02/10/2022	15:33
15	CCB2		1	100	100		1.76	0.000	0.000	0.000	-0.001	02/10/2022	15:34

LB118619

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX21022-1

WorkList ID : 156728

Department : Wet-Chemistry

Date : 02-10-2022 14:23:28

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/24/2022	Water	N1477-07	Hexavalent Chromium	Ammonium sul	AQUA04	M11	20220065-FIELD-BLANK	02/08/2022	7196A
02/24/2022	Water	N1477-08	Hexavalent Chromium	Ammonium sul	AQUA04	M11	20220072-104-21-SITE-WATER	02/08/2022	7196A
02/24/2022	Water	N1477-09	Hexavalent Chromium	Ammonium sul	AQUA04	M11	20220073-105-21-SITE-WATER	02/08/2022	7196A

Date/Time 02/10/22 14:25
Raw Sample Received by: KS (wgc)
Raw Sample Relinquished by: SP (wgc)

Date/Time 02/10/22 15:40
Raw Sample Received by: JRC (wgc)
Raw Sample Relinquished by: KS (wgc)