CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB118916

ANALYST: ketankumar
SUPERVISOR REVIEW BY: apatel
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP95572
Calibration Std. hexchrome 0.05 ppm	WP95573
calibration std. hexchrome 0.01 ppm	WP95574
calibration std. hexchrome 0 ppm	WP95576
hexavalent chromium color reagent	WP95538
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
HEX LOD STD, 0.005PPM	WP95578
Hexchrome Cleaning Solution	WP95568
Hex LOQ Std, 0.01PPM	WP95579
Calibration Std Hexachrome 0.025 ppm	WP95575
Hexavalent Chromium ICV-LCS Std	WP95577

Intercept: 0.0005 **Slope:** 0.7844 **Regression:** 0.99999

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	0.000	0.000	-0.00		02/28/2022	17:15
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	20	02/28/2022	17:16
3	CAL3	0.025	1	100	100		1.79	0.000	0.019	0.019	0.023	8	02/28/2022	17:17
4	CAL4	0.05	1	100	100		1.95	0.000	0.040	0.040	0.050	0	02/28/2022	17:18
5	CAL5	0.1	1	100	100		2.15	0.000	0.081	0.081	0.102	-2	02/28/2022	17:19
6	CAL6	0.5	1	100	100		2.34	0.000	0.394	0.394	0.501	-0.2	02/28/2022	17:20
7	CAL7	1	1	100	100		2.28	0.000	0.784	0.784	0.998	0.2	02/28/2022	17:21

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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		1.89	0.000	0.390	0.390	0.497	02/28/2022	17:22
2	ICB		1	100	100		1.75	0.000	0.000	0.000	-0.001	02/28/2022	17:25
3	CCV1	0.5	1	100	100		2.06	0.000	0.389	0.389	0.495	02/28/2022	17:26
4	CCB1		1	100	100		1.95	0.000	0.000	0.000	-0.001	02/28/2022	17:27
5	RL Check	0.01	1	100	100		2.30	0.000	0.008	0.008	0.010	02/28/2022	17:28
6	LB118916BL		1	100	100		1.74	0.000	0.000	0.000	-0.001	02/28/2022	17:29
7	LB118916BS	0.5	1	100	100		2.25	0.000	0.402	0.402	0.512	02/28/2022	17:30
8	N1645-09		1	100	100		2.14	0.000	0.004	0.004	0.004	02/28/2022	17:31
9	N1701-01		1	100	100		2.34	0.003	0.003	0.000	-0.001	02/28/2022	17:32
10	N1701-01DU		1	100	100		2.20	0.004	0.004	0.000	-0.001	02/28/2022	17:33
11	N1701-01MS	1	2	100	100		1.88	0.002	0.401	0.399	0.508	02/28/2022	17:35
12	N1701-01MS	1	2	100	100		1.75	0.002	0.402	0.400	0.509	02/28/2022	17:36
13	N1701-02		1	100	100		1.95	0.002	0.002	0.000	-0.001	02/28/2022	17:37
14	CCV2	0.5	1	100	100		2.30	0.000	0.392	0.392	0.499	02/28/2022	17:38
15	CCB2		1	100	100		2.28	0.000	0.000	0.000	-0.001	02/28/2022	17:38

LB 118916

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX22822 **WorkList ID :** 157264 **Department :** Wet-Chemistry **Date :** 02-28-2022 16:59:22

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/14/2022	Water	N1645-09	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	MDL-WATER-03-QT1-2022	02/23/2022	7196A
03/14/2022	Water	N1701-01	Hexavalent Chromium	Ammonium sul	AQUA04	P11	20220213-096-21-01-ELUTRIATE	02/24/2022	7196A
03/14/2022	Water	N1701-02	Hexavalent Chromium	Ammonium sul	AQUA04	P11	20220214-096-21-02-ELUTRIATE	02/24/2022	7196A

Date/Time 02/28/22 17:00
Raw Sample Received by: KS (WC)
Raw Sample Relinquished by: KS (WC)

Date/Time 02/28/22 17:38
Raw Sample Received by: KS (WC)
Raw Sample Relinquished by: KS (WC)