

Analytical Summary Report

Analysis Method: 7196A

ANALYST: jignesh

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB122605

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP99588
Calibration Std. hexchrome 0.05 ppm	WP99589
calibration std. hexchrome 0.01 ppm	WP99591
calibration std. hexchrome 0 ppm	WP99592
hexavalent chromium color reagent	WP99537
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP98731
Calibration Std Hexachrome 0.025 ppm	WP99590
Hexavalent Chromium ICV-LCS Std	WP99593
Calibration and CCV std HexChrome 0.5PPM	WP99587
Calibration std HexChrome 1.0PPM	WP99586

Intercept: -0.0001

Slope: 0.7802

Regression: 0.999995

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		1.98	0.000	0.000	0.000	0.000		10/25/2022	11:10
2	CAL2	0.01	1	100	100		2.02	0.000	0.007	0.007	0.009	10	10/25/2022	11:11
3	CAL3	0.025	1	100	100		1.85	0.000	0.018	0.018	0.023	8	10/25/2022	11:12
4	CAL4	0.05	1	100	100		2.06	0.000	0.040	0.040	0.051	-2	10/25/2022	11:13
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.101	-1	10/25/2022	11:14
6	CAL6	0.5	1	100	100		1.96	0.000	0.390	0.390	0.5	0	10/25/2022	11:15
7	CAL7	1	1	100	100		1.92	0.000	0.780	0.780	0.999	0.1	10/25/2022	11:16



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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		1.76	0.000	0.388	0.388	0.497	10/25/2022	11:20
2	ICB		1	100	100		1.85	0.000	0.000	0.000	0.000	10/25/2022	11:21
3	CCV1	0.5	1	100	100		1.96	0.000	0.390	0.390	0.500	10/25/2022	11:22
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	0.000	10/25/2022	11:23
5	RL Check	0.01	1	100	100		1.96	0.000	0.007	0.007	0.009	10/25/2022	11:24
6	LB122605BL		1	100	100		2.02	0.000	0.000	0.000	0.000	10/25/2022	11:25
7	LB122605BS	0.5	1	100	100		2.01	0.000	0.391	0.391	0.501	10/25/2022	11:26
8	N5266-01		1	100	100		1.76	0.001	0.001	0.000	0.000	10/25/2022	11:27
9	N5266-02		1	100	100		2.03	0.002	0.002	0.000	0.000	10/25/2022	11:28
10	N5266-03		1	100	100		2.04	0.000	0.000	0.000	0.000	10/25/2022	11:29
11	N5266-04		1	100	100		1.85	0.000	0.000	0.000	0.000	10/25/2022	11:30
12	N5266-04DU		1	100	100		1.86	0.000	0.000	0.000	0.000	10/25/2022	11:31
13	N5266-04MS	1	2	100	100		1.84	0.001	0.365	0.364	0.467	10/25/2022	11:32
14	N5266-04MS	1	2	100	100		2.03	0.000	0.366	0.366	0.469	10/25/2022	11:33
15	CCV2	0.5	1	100	100		2.01	0.000	0.379	0.379	0.486	10/25/2022	11:34
16	CCB2		1	100	100		2.00	0.000	0.000	0.000	0.000	10/25/2022	11:35

WORKLIST(Hardcopy Internal Chain)

L13122605

WorkList Name : Hex-1025 WorkList ID : 164364 Department : Wet-Chemistry Date : 10-25-2022 10:54:14

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/07/2022	Water	N5266-01	Hexavalent Chromium	Ammonium suli	AQUA04	F11	20221095-200-SITE-WATER	10/21/2022	7196A
11/07/2022	Water	N5266-02	Hexavalent Chromium	Ammonium suli	AQUA04	F11	20221099-204-SITE-WATER	10/21/2022	7196A
11/07/2022	Water	N5266-03	Hexavalent Chromium	Ammonium suli	AQUA04	F11	20221100-204.1-SITE-WATER	10/21/2022	7196A
11/07/2022	Water	N5266-04	Hexavalent Chromium	Ammonium suli	AQUA04	F11	20221092-FIELD-BLANK-2	10/21/2022	7196A

Date/Time 10/25/22 11:00
 Raw Sample Received by: SP (WC)
 Raw Sample Relinquished by: SP (SM)

Date/Time 10/25/2022 12:45
 Raw Sample Received by: CP (SM)
 Raw Sample Relinquished by: SP (WC)