

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114447

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP91075
Calibration Std. hexchrome 0.05 ppm	WP91076
calibration std. hexchrome 0.01 ppm	WP91077
calibration std. hexchrome 0 ppm	WP91078
hexavalent chromium color reagent	WP90915
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
HEX LOD STD, 0.005PPM	WP91071
Calibration Std Hexachrome 0.025 ppm	WP91079
Hexavalent Chromium ICV-LCS Std	WP91080
Calibration and CCV std HexChrome 0.5PPM	WP91074
Calibration std HexChrome 1.0PPM	WP91073

Intercept: -0.0008

Slope: 0.7827

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		2.08	0.000	0.000	0.000	0.001		05/13/2021	16:35
2	CAL2	0.01	1	100	100		1.78	0.000	0.006	0.006	0.008	20	05/13/2021	16:36
3	CAL3	0.025	1	100	100		1.95	0.000	0.018	0.018	0.024	4	05/13/2021	16:37
4	CAL4	0.05	1	100	100		1.82	0.000	0.038	0.038	0.049	2	05/13/2021	16:38
5	CAL5	0.1	1	100	100		2.34	0.000	0.079	0.079	0.101	-1	05/13/2021	16:39
6	CAL6	0.5	1	100	100		2.10	0.000	0.390	0.390	0.499	0.2	05/13/2021	16:40
7	CAL7	1	1	100	100		1.95	0.000	0.782	0.782	1.000	0	05/13/2021	16:41

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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		2.13	0.000	0.385	0.385	0.493	05/13/2021	16:42
2	ICB		1	100	100		2.30	0.000	0.000	0.000	0.001	05/13/2021	16:42
3	CCV1	0.5	1	100	100		2.26	0.000	0.386	0.386	0.494	05/13/2021	16:43
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.001	05/13/2021	16:43
5	RL Check	0.01	1	100	100		1.83	0.000	0.007	0.007	0.010	05/13/2021	16:44
6	LB114447BL		1	100	100		1.74	0.000	0.000	0.000	0.001	05/13/2021	16:45
7	LB114447BS	0.5	1	100	100		1.85	0.000	0.410	0.410	0.525	05/13/2021	16:46
8	M2262-09		1	100	100		1.92	0.000	0.004	0.004	0.006	05/13/2021	16:47
9	M2401-02		1	100	100		2.09	0.002	2.213	2.211	2.826	05/13/2021	16:48
10	M2401-02DU		1	100	100		2.34	0.001	2.212	2.211	2.826	05/13/2021	16:49
11	M2401-02MS	1	2	100	100		2.15	0.001	2.548	2.547	3.255	05/13/2021	16:50
12	M2401-02MS	1	2	100	100		2.26	0.001	2.549	2.548	3.256	05/13/2021	16:51
13	M2401-02		10	100	100		2.09	0.001	0.254	0.253	0.324	05/13/2021	16:52
14	M2401-02DU		10	100	100		2.34	0.001	0.255	0.254	0.326	05/13/2021	16:53
15	CCV2	0.5	1	100	100		2.30	0.000	0.387	0.387	0.495	05/13/2021	16:54
16	CCB2		1	100	100		2.14	0.000	0.000	0.000	0.001	05/13/2021	16:55
17	M2401-02MS	1	10	100	100		2.15	0.001	0.292	0.291	0.373	05/13/2021	16:56
18	M2401-02MS	1	10	100	100		2.26	0.001	0.293	0.292	0.374	05/13/2021	16:57
19	CCV3	0.5	1	100	100		2.30	0.000	0.385	0.385	0.493	05/13/2021	16:58
20	CCB3		1	100	100		2.14	0.000	0.000	0.000	0.001	05/13/2021	16:58

WORKLIST(Hardcopy Internal Chain)

LB114447

WorkList Name : hex51321-1 WorkList ID : 148860 Department : Wet-Chemistry Date : 05-13-2021 08:59:33

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/24/2021	Water	M2262-09	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	MDL-WATER-03-QT2-20	05/03/2021	7196A
05/17/2021	Water	M2401-02	Ⓒ Hexavalent Chromium	Cool 4 deg C	ENTA04	P31	WWTP-001	05/13/2021	7196A

Date/Time 05/13/21 15:50
 Raw Sample Received by: KS (wetchem)
 Raw Sample Relinquished by: Am (wetchem)

Date/Time 05/13/21 17:05
 Raw Sample Received by: Am (wetchem)
 Raw Sample Relinquished by: KS (wetchem)