

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121381

pH Meter ID:

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP98226
Calibration Std. hexchrome 0.05 ppm	WP98227
calibration std. hexchrome 0.01 ppm	WP98228
calibration std. hexchrome 0 ppm	WP98229
hexavalent chromium color reagent	WP98143
0.2N SULFURIC ACID	WP97942
HEX LOD STD, 0.005PPM	WP98232
Calibration Std Hexachrome 0.025 ppm	WP98231
Hexavalent Chromium ICV-LCS Std	WP98230
Calibration and CCV std HexChrome 0.5PPM	WP98225
Calibration std HexChrome 1.0PPM	WP98224

Intercept: -0.0006

Slope: 0.7811

Regression: 0.999997

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		2.15	0.000	0.000	0.000	0.000		08/07/2022	11:35
2	CAL2	0.01	1	100	100		2.36	0.000	0.007	0.007	0.009	10	08/07/2022	11:36
3	CAL3	0.025	1	100	100		2.20	0.000	0.018	0.018	0.023	8	08/07/2022	11:37
4	CAL4	0.05	1	100	100		1.79	0.000	0.038	0.038	0.049	2	08/07/2022	11:38
5	CAL5	0.1	1	100	100		1.92	0.000	0.078	0.078	0.100	0	08/07/2022	11:40
6	CAL6	0.5	1	100	100		2.08	0.000	0.391	0.391	0.501	-0.2	08/07/2022	11:41
7	CAL7	1	1	100	100		1.74	0.000	0.780	0.780	0.999	0.1	08/07/2022	11:42



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pH Meter ID:

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		2.10	0.000	0.390	0.390	0.500	08/07/2022	11:45
2	ICB		1	100	100		1.75	0.000	0.000	0.000	0.001	08/07/2022	11:46
3	CCV1	0.5	1	100	100		1.93	0.000	0.379	0.379	0.486	08/07/2022	11:47
4	CCB1		1	100	100		1.82	0.000	0.000	0.000	0.001	08/07/2022	11:48
5	RL Check	0.01	1	100	100		2.16	0.000	0.008	0.008	0.011	08/07/2022	11:49
6	LB121381BL		1	100	100		2.34	0.000	0.000	0.000	0.001	08/07/2022	11:50
7	LB121381BS	0.5	1	100	100		2.25	0.000	0.388	0.388	0.498	08/07/2022	11:51
8	N3980-12		1	100	100		2.41	0.000	0.004	0.004	0.006	08/07/2022	11:52
9	N4056-01		1	100	100		2.36	0.005	0.006	0.001	0.002	08/07/2022	11:53
10	N4056-01DU		1	100	100		2.19	0.006	0.006	0.000	0.001	08/07/2022	11:54
11	N4056-01MS	1	2	100	100		1.75	0.004	0.380	0.376	0.482	08/07/2022	11:55
12	N4056-01MS	1	2	100	100		1.92	0.005	0.379	0.374	0.480	08/07/2022	11:56
13	CCV2	0.5	1	100	100		1.80	0.000	0.388	0.388	0.498	08/07/2022	11:57
14	CCB2		1	100	100		2.08	0.000	0.000	0.000	0.001	08/07/2022	11:58

WORKLIST(Hardcopy Internal Chain)

LB 121381

WorkList Name : HEX8522-1 WorkList ID : 162033 Department : Wet-Chemistry Date : 08-05-2022 14:27:44

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/18/2022	Water	N3980-12	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	MDL-WATER-06-QT3-2022	07/29/2022	SM3500-Cr B
08/09/2022	Water	N4056-01	✓ Hexavalent Chromium	Ammonium sul	PSEG03	J11	TOTE	08/04/2022	SM3500-Cr B

Date/Time 08/07/22 10:40
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: msh (msh)

Date/Time 08/07/22 12:00
 Raw Sample Received by: MB (mb)
 Raw Sample Relinquished by: KS(wc)