

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: jignesh

Run Number: LB135180

pH Meter ID: ph Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP112467
Calibration Std. hexchrome 0.05 ppm	WP112465
calibration std. hexchrome 0.01 ppm	WP112463
calibration std. hexchrome 0 ppm	WP112462
hexavalent chromium color reagent	WP112371
0.2N SULFURIC ACID	WP111959
Calibration Std Hexachrome 0.025 ppm	WP112464
Hexavalent Chromium ICV-LCS Std	WP112469
Calibration and CCV std HexChrome 0.5PPM	WP112466
Calibration std HexChrome 1.0PPM	WP112468

Intercept: -0

Slope: 0.783

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		2.09	0.000	0.000	0.000	0		03/25/2025	16:30
2	CAL2	0.01	1	100	100		2.19	0.000	0.008	0.008	0.010	0	03/25/2025	16:30
3	CAL3	0.025	1	100	100		2.24	0.000	0.019	0.019	0.024	-4	03/25/2025	16:31
4	CAL4	0.05	1	100	100		1.87	0.000	0.039	0.039	0.049	-2	03/25/2025	16:31
5	CAL5	0.1	1	100	100		1.65	0.000	0.080	0.080	0.102	2	03/25/2025	16:32
6	CAL6	0.5	1	100	100		2.37	0.000	0.389	0.389	0.496	-0.8	03/25/2025	16:32
7	CAL7	1	1	100	100		2.07	0.000	0.784	0.784	1.001	0.1	03/25/2025	16:33

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Run Number: LB135180

pH Meter ID: pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.79	0.000	0.374	0.374	0.478	03/25/2025	16:33
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.000	03/25/2025	16:34
3	CCV1	0.5	1	100	100		2.36	0.000	0.386	0.386	0.493	03/25/2025	16:34
4	CCB1		1	100	100		1.77	0.000	0.001	0.001	0.001	03/25/2025	16:35
5	RL Check	0.01	1	100	100		1.95	0.000	0.008	0.008	0.010	03/25/2025	16:35
6	LB135180BL		1	100	100		2.10	0.000	0.001	0.001	0.001	03/25/2025	16:36
7	LB135180BS	0.5	1	100	100		2.33	0.000	0.372	0.372	0.475	03/25/2025	16:36
8	Q1644-03		1	100	100		1.84	0.001	0.001	0.000	0.000	03/25/2025	16:37
9	Q1644-03DU		1	100	100		1.59	0.001	0.001	0.000	0.000	03/25/2025	16:37
10	Q1644-03MS	1	2	100	100		2.41	0.000	0.376	0.376	0.480	03/25/2025	16:38
11	Q1644-03MS	1	2	100	100		2.11	0.000	0.375	0.375	0.479	03/25/2025	16:38
12	CCV2	0.5	1	100	100		2.19	0.000	0.387	0.387	0.494	03/25/2025	16:39
13	CCB2		1	100	100		2.07	0.000	0.001	0.001	0.001	03/25/2025	16:39

WORKLIST(Hardcopy Internal Chain)

LB 135180

WorkList Name : HEX WATER3-25

WorkList ID : 188526

Department : Wet-Chemistry

Date : 03-25-2025 15:50:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1644-03	031925	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	I31	03/25/2025	SM3500-Cr B

Date/Time 03/25/25 16:50
Raw Sample Received by: 12(50)
Raw Sample Relinquished by: JSC

Date/Time 03/25/25 16:50
Raw Sample Received by: JSC
Raw Sample Relinquished by: 12(50)