

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121380

pH Meter ID: WC pH Meter-1

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
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
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: 0.784

Regression: 0.999992

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		2.25	0.000	0.000	0.000	0.000		08/07/2022	14:05
2	CAL2	0.01	1	100	100		2.30	0.000	0.007	0.007	0.009	10	08/07/2022	14:06
3	CAL3	0.025	1	100	100		2.15	0.000	0.018	0.018	0.023	8	08/07/2022	14:07
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.049	2	08/07/2022	14:08
5	CAL5	0.1	1	100	100		1.79	0.000	0.080	0.080	0.102	-2	08/07/2022	14:10
6	CAL6	0.5	1	100	100		1.95	0.000	0.390	0.390	0.498	0.4	08/07/2022	14:11
7	CAL7	1	1	100	100		2.08	0.000	0.784	0.784	1.000	0	08/07/2022	14:12

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121380

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		2.10	0.000	0.389	0.389	0.497	08/07/2022	14:15
2	ICB		1	100	100		1.74	0.000	0.000	0.000	0.001	08/07/2022	14:16
3	CCV1	0.5	1	100	100		1.92	0.000	0.387	0.387	0.494	08/07/2022	14:17
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	0.001	08/07/2022	14:18
5	RL Check	0.01	1	100	100		2.08	0.000	0.008	0.008	0.011	08/07/2022	14:19
6	LB121380BL		1	100	100		2.30	0.000	0.000	0.000	0.001	08/07/2022	14:20
7	LB121380BS	0.5	1	100	100		2.40	0.000	0.392	0.392	0.501	08/07/2022	14:21
8	N3980-09		1	100	100		2.18	0.000	0.004	0.004	0.006	08/07/2022	14:22
9	N4058-02		1	100	100		1.79	0.003	0.003	0.000	0.001	08/07/2022	14:23
10	N4058-02DU		1	100	100		1.95	0.002	0.003	0.001	0.002	08/07/2022	14:24
11	N4058-02MS	1	2	100	100		2.36	0.002	0.375	0.373	0.477	08/07/2022	14:25
12	N4058-02MS	1	2	100	100		2.15	0.003	0.377	0.374	0.478	08/07/2022	14:26
13	N4058-04		1	100	100		2.26	0.004	0.004	0.000	0.001	08/07/2022	14:27
14	N4058-06		1	100	100		2.14	0.001	0.001	0.000	0.001	08/07/2022	14:28
15	CCV2	0.5	1	100	100		2.25	0.000	0.388	0.388	0.496	08/07/2022	14:29
16	CCB2		1	100	100		2.19	0.000	0.000	0.000	0.001	08/07/2022	14:30

WORKLIST(Hardcopy Internal Chain)

LB121380

WorkList Name : HEX8522 WorkList ID : 162032 Department : Wet-Chemistry Date : 08-05-2022 14:24:46

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/18/2022	Water	N3980-09	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	MDL-WATER-03-QT3-2022	07/29/2022	7196A
08/11/2022	Water	N4058-02	Hexavalent Chromium	Ammonium sul	PSEG04	J11	DSN002	08/04/2022	7196A
08/11/2022	Water	N4058-04	Hexavalent Chromium	Ammonium sul	PSEG04	J11	DSN001	08/04/2022	7196A
08/11/2022	Water	N4058-06	Hexavalent Chromium	Ammonium sul	PSEG04	J11	RWS003	08/04/2022	7196A

Date/Time 08/07/22 13:45
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: KS(WC)

Date/Time 08/07/22 14:35
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: KS(WC)