

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117639

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP94188
Calibration Std. hexchrome 0.05 ppm	WP94189
calibration std. hexchrome 0.01 ppm	WP94190
calibration std. hexchrome 0 ppm	WP94191
hexavalent chromium color reagent	WP94110
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841
Calibration Std Hexachrome 0.025 ppm	WP94193
Hexavalent Chromium ICV-LCS Std	WP94192
Calibration and CCV std HexChrome 0.5PPM	WP94187
Calibration std HexChrome 1.0PPM	WP94186

Intercept: 0.0003

Slope: 0.7847

Regression: 0.999993

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	-0.00		12/03/2021	14:30
2	CAL2	0.01	1	100	100		2.15	0.000	0.007	0.007	0.008	20	12/03/2021	14:31
3	CAL3	0.025	1	100	100		2.35	0.000	0.019	0.019	0.023	8	12/03/2021	14:32
4	CAL4	0.05	1	100	100		1.88	0.000	0.040	0.040	0.050	0	12/03/2021	14:33
5	CAL5	0.1	1	100	100		1.74	0.000	0.081	0.081	0.102	-2	12/03/2021	14:34
6	CAL6	0.5	1	100	100		1.95	0.000	0.392	0.392	0.499	0.2	12/03/2021	14:35
7	CAL7	1	1	100	100		2.14	0.000	0.785	0.785	1	0	12/03/2021	14:36



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117639

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		2.30	0.000	0.391	0.391	0.498	12/03/2021	14:38
2	ICB		1	100	100		2.18	0.000	0.000	0.000	0.000	12/03/2021	14:39
3	CCV1	0.5	1	100	100		2.25	0.000	0.392	0.392	0.499	12/03/2021	14:40
4	CCB1		1	100	100		1.87	0.000	0.000	0.000	0.000	12/03/2021	14:41
5	RL Check	0.01	1	100	100		1.95	0.000	0.008	0.008	0.010	12/03/2021	14:42
6	LB117639BL		1	100	100		1.82	0.000	0.000	0.000	0.000	12/03/2021	14:43
7	LB117639BS	0.5	1	100	100		2.08	0.000	0.366	0.366	0.466	12/03/2021	14:45
8	M4914-01		1	100	100		1.88	0.002	0.002	0.000	0.000	12/03/2021	14:46
9	M4914-01DU		1	100	100		2.36	0.003	0.003	0.000	0.000	12/03/2021	14:47
10	M4914-01MS	1	2	100	100		2.14	0.002	0.360	0.358	0.456	12/03/2021	14:48
11	M4914-01MS	1	2	100	100		2.08	0.002	0.358	0.356	0.453	12/03/2021	14:49
12	CCV2	0.5	1	100	100		1.88	0.000	0.390	0.390	0.497	12/03/2021	14:50
13	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.000	12/03/2021	14:50

WORKLIST(Hardcopy Internal Chain)

LB117639

WorkList Name : HEX12321 WorkList ID : 154861 Department : Wet-Chemistry Date : 12-03-2021 13:54:41

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/16/2021	Water	M4914-01	C Hexavalent Chromium	Ammonium sul	INFR01	D11	SEMI-ANNUAL-CONDEN	11/30/2021	7196A

Date/Time 12/03/21 13:55
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: gdh (gdy)

Date/Time 12/03/21 14:55
 Raw Sample Received by: gdh (gdy)
 Raw Sample Relinquished by: KS (WC)