

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113120

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP89489
Calibration Std. hexchrome 0.05 ppm	WP89491
calibration std. hexchrome 0.01 ppm	WP89490
calibration std. hexchrome 0 ppm	WP89492
hexavalent chromium color reagent	WP89429
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024
Calibration Std Hexachrome 0.025 ppm	WP89494
Hexavalent Chromium ICV-LCS Std	WP89493
Calibration and CCV std HexChrome 0.5PPM	WP89488
Calibration std HexChrome 1.0PPM	WP89487

Intercept: 0.0008

Slope: 0.7674

Regression: 0.999999

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	7.26	2.23	0.000	0.001	0.001	0.000		02/12/2021	13:15
2	CAL2	0.01	1	100	100	7.15	2.14	0.000	0.008	0.008	0.009	10	02/12/2021	13:16
3	CAL3	0.025	1	100	100	7.34	1.98	0.000	0.020	0.020	0.025	0	02/12/2021	13:17
4	CAL4	0.05	1	100	100	7.56	1.78	0.000	0.039	0.039	0.049	2	02/12/2021	13:18
5	CAL5	0.1	1	100	100	7.42	1.96	0.000	0.078	0.078	0.100	0	02/12/2021	13:19
6	CAL6	0.5	1	100	100	7.64	2.34	0.000	0.385	0.385	0.500	0	02/12/2021	13:20
7	CAL7	1	1	100	100	7.51	2.21	0.000	0.768	0.768	0.999	0.1	02/12/2021	13:21

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113120

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	7.34	2.15	0.000	0.384	0.384	0.499	02/12/2021	13:22
2	ICB		1	100	100	7.22	1.96	0.000	0.000	0.000	-0.001	02/12/2021	13:23
3	CCV1	0.5	1	100	100	7.19	1.77	0.000	0.383	0.383	0.498	02/12/2021	13:24
4	CCB1		1	100	100	7.54	2.34	0.000	0.000	0.000	-0.001	02/12/2021	13:25
5	PB134617BL		1	2.50	100	7.66	2.26	0.000	0.000	0.000	-0.001	02/12/2021	13:26
6	PB134617BS	20	1	2.50	100	7.34	2.32	0.005	0.355	0.350	0.455	02/12/2021	13:27
7	M1394-01		1	2.53	100	7.24	2.16	0.070	0.072	0.002	0.002	02/12/2021	13:28
8	M1394-01DU		1	2.52	100	7.23	1.88	0.069	0.071	0.002	0.002	02/12/2021	13:29
9	M1394-01MS	40	2	2.51	100	7.28	1.98	0.065	0.390	0.325	0.422	02/12/2021	13:30
10	M1394-01MS	1284	40	2.53	100	7.45	1.76	0.060	0.652	0.592	0.770	02/12/2021	13:31
11	M1394-01MS	40	2	2.56	100	7.55	1.77	0.066	0.493	0.427	0.555	02/12/2021	13:32
12	M1395-01		1	2.55	100	7.31	2.09	0.035	0.038	0.003	0.003	02/12/2021	13:33
13	M1396-01		1	2.56	100	7.18	2.14	0.037	0.040	0.003	0.003	02/12/2021	13:34
14	M1397-01		1	2.55	100	7.26	2.36	0.024	0.025	0.001	0.000	02/12/2021	13:35
15	CCV2	0.5	1	100	100	7.64	2.05	0.000	0.380	0.380	0.494	02/12/2021	13:36
16	CCB2		1	100	100	7.53	1.88	0.000	0.000	0.000	-0.001	02/12/2021	13:36