

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sohil

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131552

pH Meter ID:

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP108672
hexavalent chromium color reagent	WP108644
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0282

Slope: 0.7529

Regression: 0.994956

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		2.00	0.000	0.000	0.000	-0.03		07/10/2024	11:09
2	CAL2	0.01	1	100	100		2.00	0.000	0.018	0.018	-0.01	-200	07/10/2024	11:10
3	CAL3	0.025	1	100	100		2.00	0.000	0.039	0.039	0.014	-44	07/10/2024	11:10
4	CAL4	0.05	1	100	100		2.00	0.000	0.079	0.079	0.067	34	07/10/2024	11:10
5	CAL5	0.1	1	100	100		2.00	0.000	0.160	0.160	0.175	75	07/10/2024	11:10
6	CAL6	0.5	1	100	100		2.00	0.000	0.385	0.385	0.473	-5.4	07/10/2024	11:10
7	CAL7	1	1	100	100		2.00	0.000	0.785	0.785	1.005	0.5	07/10/2024	11:10



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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		2.00	0.000	0.385	0.385	0.474	07/10/2024	11:11
2	ICB		1	100	100		2.00	0.000	0.000	0.000	-0.037	07/10/2024	11:12
3	CCV1	0.5	1	100	100		2.00	0.000	0.385	0.385	0.474	07/10/2024	11:13
4	CCB1		1	100	100		2.00	0.000	0.000	0.000	-0.037	07/10/2024	11:13
5	RL Check	0.01	1	100	100		2.00	0.000	0.017	0.017	-0.015	07/10/2024	11:13
6	LB131552BL		1	100	100		2.00	0.000	0.000	0.000	-0.037	07/10/2024	11:13
7	LB131552BS	0.5	1	100	100		2.00	0.000	0.385	0.385	0.474	07/10/2024	11:13
8	P3197-02		1	100	100		2.00	0.000	0.385	0.385	0.474	07/10/2024	11:13
9	P3197-02DU		1	100	100		2.00	0.000	0.380	0.380	0.467	07/10/2024	11:13
10	P3197-02MS	1	2	100	100		2.00	0.000	0.690	0.690	0.879	07/10/2024	11:13
11	P3197-02MS	1	2	100	100		2.00	0.000	0.690	0.690	0.879	07/10/2024	11:13
12	CCV2	0.5	1	100	100		2.00	0.000	0.385	0.385	0.474	07/10/2024	11:13
13	CCB2		1	100	100		2.00	0.000	0.000	0.000	-0.037	07/10/2024	11:14
14	P3197-02		5	100	100		2.00	0.000	0.385	0.385	0.474	07/10/2024	11:16
15	CCV3	0.5	1	100	100		2.00	0.000	0.385	0.385	0.474	07/10/2024	11:16
16	CCB3		1	100	100		2.00	0.000	0.000	0.000	-0.037	07/10/2024	11:16

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P3197-hex-water

WorkList ID : 181743

Department : Distillation

Date : 07-10-2024 10:52:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3197-01	OCAP1002-01	Solid	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	07/10/2024	7196A
P3197-02	OCAP1002-02	Water	Hexavalent Chromium	Ammonium sulfate buffer	CHEM02	QA Of	07/10/2024	7196A

Date/Time _____

Raw Sample Received by: _____

Raw Sample Relinquished by: _____

Date/Time _____

Raw Sample Received by: _____

Raw Sample Relinquished by: _____