

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB117371

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
Starch Solution, 4L	W2703

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB140740BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	11/15/2021	13:15
2	M4640-02		1	5.05	50	2.00	1.94	3.84	1.90	0.10	0.04	3.17	11/15/2021	13:18
3	M4640-02DUP		1	5.04	50	2.00	3.84	5.76	1.92	0.08	0.02	1.59	11/15/2021	13:20
4	M4644-02		1	5.07	50	2.00	5.76	7.64	1.88	0.12	0.06	4.73	11/15/2021	13:22
5	M4656-01		1	5.09	50	2.00	0.00	1.92	1.92	0.08	0.02	1.57	11/15/2021	13:25
6	M4656-02		1	5.08	50	2.00	1.92	3.80	1.88	0.12	0.06	4.72	11/15/2021	13:28
7	M4656-03		1	5.06	50	2.00	3.80	5.70	1.90	0.10	0.04	3.16	11/15/2021	13:30
8	M4656-04		1	5.07	50	2.00	5.70	7.56	1.86	0.14	0.08	6.31	11/15/2021	13:32
9	M4656-05		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.10	7.92	11/15/2021	13:35
10	M4693-02		1	5.04	50	2.00	1.84	3.70	1.86	0.14	0.08	6.35	11/15/2021	13:38
11	M4693-04		1	5.08	50	2.00	3.70	5.58	1.88	0.12	0.06	4.72	11/15/2021	13:40

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume