

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB116966

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	PB140145BL		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	10/22/2021	15:40
2	M4306-02		1	5.03	50	2.00	1.88	3.72	1.84	0.16	0.04	3.18	10/22/2021	15:42
3	M4306-02DUP		1	5.04	50	2.00	3.72	5.58	1.86	0.14	0.02	1.59	10/22/2021	15:45
4	M4312-01		1	5.05	50	2.00	5.58	7.40	1.82	0.18	0.06	4.75	10/22/2021	15:48
5	M4312-02		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.02	1.58	10/22/2021	15:50
6	M4312-03		1	5.06	50	2.00	1.86	3.70	1.84	0.16	0.04	3.16	10/22/2021	15:52
7	M4315-02		1	5.07	50	2.00	3.70	5.50	1.80	0.20	0.08	6.31	10/22/2021	15:55
8	M4315-05		1	5.09	50	2.00	5.50	7.32	1.82	0.18	0.06	4.72	10/22/2021	15:58
9	M4315-08		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.04	3.16	10/22/2021	16:00
10	M4315-11		1	5.05	50	2.00	1.84	3.70	1.86	0.14	0.02	1.58	10/22/2021	16:02
11	M4316-02		1	5.04	50	2.00	3.70	5.52	1.82	0.18	0.06	4.76	10/22/2021	16:05
12	M4316-05		1	5.07	50	2.00	5.52	7.38	1.86	0.14	0.02	1.58	10/22/2021	16:08

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