

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB117164

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	PB140464BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	11/03/2021	11:40
2	M4411-02		1	5.05	50	2.00	1.92	3.80	1.88	0.12	0.04	3.17	11/03/2021	11:42
3	M4411-02DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	11/03/2021	11:45
4	M4411-05		1	5.03	50	2.00	5.70	7.56	1.86	0.14	0.06	4.77	11/03/2021	11:48
5	M4470-02		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	11/03/2021	11:50
6	M4470-05		1	5.06	50	2.00	1.84	3.70	1.86	0.14	0.06	4.74	11/03/2021	11:52
7	M4470-08		1	5.07	50	2.00	3.70	5.52	1.82	0.18	0.10	7.89	11/03/2021	11:55
8	M4472-02		1	5.06	50	2.00	5.52	7.32	1.80	0.20	0.12	9.49	11/03/2021	11:58
9	M4472-05		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	11/03/2021	12:02
10	M4472-08		1	5.08	50	2.00	1.86	3.74	1.88	0.12	0.04	3.15	11/03/2021	12:05

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