

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB124174

ANALYST: Rubina  
 SUPERVISOR REVIEW BY: Iwona  
 Constant: 16000  
 Normality1: 0.025  
 Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2941
IODINE SOLUTION .025N 1L	W2924
Starch Solution, 4L	W2977

Seq	Lab ID	True Value (mg/l)	DF	Initial Volume (mL)	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	PB150943BL		1	50	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	02/21/2023	15:00
2	O1579-02		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	02/21/2023	15:03
3	O1579-02DUP		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	02/21/2023	15:05
4	O1580-01		1	50	50	2.00	0.00	1.84	1.84	0.16	0.08	0.64	02/21/2023	15:08
5	O1591-01		1	50	50	2.00	0.00	1.82	1.82	0.18	0.10	0.80	02/21/2023	15:10
6	O1591-02		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	02/21/2023	15:12
7	O1597-01		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	02/21/2023	15:15
8	O1607-01		1	50	50	2.00	0.00	1.84	1.84	0.16	0.08	0.64	02/21/2023	15:17

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