

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB131641

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

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3114
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	PB162024BL		1	50	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	07/17/2024	10:25
2	P3208-12		1	50	50	2.00	0.00	1.88	1.88	0.12	0.06	0.48	07/17/2024	10:28
3	P3208-12DUP		1	50	50	2.00	0.00	1.88	1.88	0.12	0.06	0.48	07/17/2024	10:30
4	P3210-03		1	50	50	2.00	0.00	1.90	1.90	0.10	0.04	0.32	07/17/2024	10:33
5	P3210-04		1	50	50	2.00	0.00	1.88	1.88	0.12	0.06	0.48	07/17/2024	10:35
6	P3210-05		1	50	50	2.00	0.00	1.90	1.90	0.10	0.04	0.32	07/17/2024	10:38
7	P3212-02		1	50	50	2.00	0.00	1.88	1.88	0.12	0.06	0.48	07/17/2024	10:40
8	P3257-02		1	50	50	2.00	0.00	1.86	1.86	0.14	0.08	0.64	07/17/2024	10:43
9	P3258-02		1	50	50	2.00	0.00	1.90	1.90	0.10	0.04	0.32	07/17/2024	10:45

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