

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB131481

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	W3050
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	PB161847BL		1	50	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	07/02/2024	15:00
2	P3115-04		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	07/02/2024	15:03
3	P3115-04DUP		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	07/02/2024	15:06
4	P3115-05		1	50	50	2.00	0.00	1.84	1.84	0.16	0.08	0.64	07/02/2024	15:08
5	P3115-08		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	07/02/2024	15:10
6	P3115-09		1	50	50	2.00	0.00	1.90	1.90	0.10	0.02	0.16	07/02/2024	15:13
7	P3115-10		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	07/02/2024	15:15
8	P3115-11		1	50	50	2.00	0.00	1.84	1.84	0.16	0.08	0.64	07/02/2024	15:18
9	P3116-03		1	50	50	2.00	0.00	1.84	1.84	0.16	0.08	0.64	07/02/2024	15:20
10	P3120-01		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	07/02/2024	15:23

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