

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132443

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 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	PB163363BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	09/13/2024	15:45
2	P3936-01		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	09/13/2024	15:48
3	P3936-01DUP		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	09/13/2024	15:50
4	P3947-04		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	09/13/2024	15:53
5	P3954-01		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	09/13/2024	15:55
6	P3976-04		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	09/13/2024	15:58
7	P3984-02		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.06	4.78	09/13/2024	16:00
8	P3984-05		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	09/13/2024	16:03
9	P3984-08		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.06	4.75	09/13/2024	16:05
10	P3989-04		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	09/13/2024	16:08
11	P3989-08		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	09/13/2024	16:10

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