

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132708

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	PB163759BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	10/02/2024	12:25
2	P4214-02		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	10/02/2024	12:28
3	P4214-02DUP		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	10/02/2024	12:30
4	P4222-04		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.10	7.97	10/02/2024	12:33
5	P4232-04		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	10/02/2024	12:36
6	P4236-04		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	10/02/2024	12:38
7	P4236-08		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	10/02/2024	12:40
8	P4236-12		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	10/02/2024	12:43
9	P4236-16		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.10	7.94	10/02/2024	12:45
10	P4242-04		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	10/02/2024	12:48
11	P4254-04		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	10/02/2024	12:50
12	P4258-04		1	5.05	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	10/02/2024	12:53

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