

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131944

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	PB162647BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	08/12/2024	08:30
2	P3506-02		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	08/12/2024	08:33
3	P3506-02DUP		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	08/12/2024	08:35
4	P3526-02		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	08/12/2024	08:38
5	P3534-01		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	08/12/2024	08:40
6	P3534-03		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	08/12/2024	08:43
7	P3543-02		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	08/12/2024	08:45
8	P3548-05		1	5.01	50	2.00	0.00	1.84	1.84	0.16	0.08	6.39	08/12/2024	08:48
9	P3548-08		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	08/12/2024	08:50
10	P3548-11		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	08/12/2024	08:53
11	P3548-14		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	08/12/2024	08:55

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