

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132824

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	PB163945BL		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	10/08/2024	14:00
2	P4321-04		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	10/08/2024	14:03
3	P4321-04DUP		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	10/08/2024	14:06
4	P4323-01		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	10/08/2024	14:08
5	P4324-01		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	10/08/2024	14:10
6	P4324-02		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	10/08/2024	14:13
7	P4326-01		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	10/08/2024	14:15
8	P4340-04		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	10/08/2024	14:18
9	P4340-08		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	10/08/2024	14:20

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