

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB132203

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	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	PB163015BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	08/28/2024	16:25
2	P3726-02		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	08/28/2024	16:28
3	P3726-02DUP		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	08/28/2024	16:30
4	P3727-04		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	08/28/2024	16:32
5	P3735-06		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	08/28/2024	16:35
6	P3735-12		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	08/28/2024	16:38
7	P3735-18		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	08/28/2024	16:40
8	P3739-04		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.06	4.79	08/28/2024	16:43
9	P3739-08		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	08/28/2024	16:45
10	P3739-12		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.10	7.91	08/28/2024	16:48
11	P3739-16		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	08/28/2024	16:50
12	P3751-02		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	08/28/2024	16:53

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