

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB131644

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	PB162108BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	07/17/2024	11:35
2	P3246-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	07/17/2024	11:38
3	P3246-02DUP		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	07/17/2024	11:40
4	P3246-07		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	07/17/2024	11:48
5	P3246-12		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	07/17/2024	11:50
6	P3246-17		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	07/17/2024	11:53
7	P3246-22		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	07/17/2024	11:55
8	P3246-27		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	07/17/2024	11:58
9	P3253-05		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	07/17/2024	12:00
10	P3253-06		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	07/17/2024	12:03
11	P3253-07		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	07/17/2024	12:05
12	P3254-01		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	07/17/2024	12:08

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

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13	P3254-03		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	07/17/2024	12:10
14	P3254-04		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	07/17/2024	12:12
15	P3254-05		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	07/17/2024	12:15
16	P3266-04		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	07/17/2024	12:18
17	P3266-08		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	07/17/2024	12:20

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