

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB130589

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	W3050
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	PB160633BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	05/02/2024	08:30
2	P2307-03		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	05/02/2024	08:33
3	P2307-03DUP		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	05/02/2024	08:35
4	P2307-06		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	05/02/2024	08:38
5	P2307-09		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	05/02/2024	08:40
6	P2308-01		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	05/02/2024	08:42
7	P2323-03		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	05/02/2024	08:45
8	P2323-06		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	05/02/2024	08:48
9	P2323-09		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	05/02/2024	08:50
10	P2330-01		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	05/02/2024	08:53
11	P2330-03		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	05/02/2024	08:55
12	P2330-05		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	05/02/2024	08:58

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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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
13	P2330-07		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	05/02/2024	09:00
14	P2330-09		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	05/02/2024	09:03
15	P2330-11		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	05/02/2024	09:05
16	P2330-13		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	05/02/2024	09:08
17	P2330-15		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	05/02/2024	09:10
18	P2330-17		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	05/02/2024	09:13
19	P2330-19		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	05/02/2024	09:15
20	P2330-21		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	05/02/2024	09:18

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