

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB130142

ANALYST: Rubina
 SUPERVISOR REVIEW BY: jignesh
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
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	PB159914BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	04/03/2024	11:00
2	P1927-02		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	04/03/2024	11:03
3	P1927-02DUP		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	04/03/2024	11:06
4	P1927-04		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.08	6.39	04/03/2024	11:08
5	P1952-02		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	04/03/2024	11:10
6	P1952-05		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	04/03/2024	11:13
7	P1952-08		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	04/03/2024	11:15
8	P1952-11		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	04/03/2024	11:18
9	P1956-02		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	04/03/2024	11:20
10	P1956-03		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	04/03/2024	11:22
11	P1957-02		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	04/03/2024	11:25
12	P1960-01		1	5.07	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	04/03/2024	11:28

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	P1963-01		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	04/03/2024	11:30

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