

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129164

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	PB158449BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	01/17/2024	15:15
2	P1126-01		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	01/17/2024	15:18
3	P1126-01DUP		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	01/17/2024	15:20
4	P1139-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.06	4.75	01/17/2024	15:22
5	P1139-04		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	01/17/2024	15:25
6	P1140-02		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	01/17/2024	15:28
7	P1140-04		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	01/17/2024	15:30
8	P1150-02		1	5.07	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	01/17/2024	15:33
9	P1150-04		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.06	4.75	01/17/2024	15:35
10	P1159-03		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.10	7.91	01/17/2024	15:38

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