

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126578

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
IODINE SOLUTION .025N 1L	W2924
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	PB154371BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	07/25/2023	10:50
2	O3717-02		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	07/25/2023	10:53
3	O3717-02DUP		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	07/25/2023	10:55
4	O3717-05		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	07/25/2023	10:58
5	O3738-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	07/25/2023	11:00
6	O3738-05		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	07/25/2023	11:03
7	O3742-01		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	07/25/2023	11:06

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