

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128082

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	PB156716BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	10/31/2023	15:00
2	O5098-01		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	10/31/2023	15:03
3	O5098-01DUP		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	10/31/2023	15:05
4	O5098-02		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	10/31/2023	15:08
5	O5098-03		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	10/31/2023	15:10
6	O5098-04		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	10/31/2023	15:13
7	O5106-01		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	10/31/2023	15:15
8	O5110-01		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	10/31/2023	15:18
9	O5136-01		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	10/31/2023	15:20
10	O5138-03		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	10/31/2023	15:23
11	O5164-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	10/31/2023	15:25

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