

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125210

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	PB152432BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	04/28/2023	15:00
2	O2416-11		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	04/28/2023	15:03
3	O2416-11DUP		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	04/28/2023	15:06
4	O2501-01		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	04/28/2023	15:09
5	O2502-02		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	04/28/2023	15:12
6	O2502-09		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	04/28/2023	15:15
7	O2503-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	04/28/2023	15:18
8	O2503-09		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	04/28/2023	15:20
9	O2503-16		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	04/28/2023	15:23
10	O2504-02		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	04/28/2023	15:25
11	O2504-09		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	04/28/2023	15:28
12	O2504-16		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	04/28/2023	15:30

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