

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125492

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 Volume (mL)	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	PB152737BL		1	50	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	05/15/2023	11:30
2	O2693-02		1	50	50	2.00	0.00	1.82	1.82	0.18	0.10	0.80	05/15/2023	11:33
3	O2742-01		1	50	50	2.00	0.00	1.84	1.84	0.16	0.08	0.64	05/15/2023	11:36
4	O2743-07		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	05/15/2023	11:38
5	O2744-01		1	50	50	2.00	0.00	1.82	1.82	0.18	0.10	0.80	05/15/2023	11:40
6	O2775-01		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	05/15/2023	11:42
7	O2775-02		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	05/15/2023	11:45
8	O2781-01		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	05/15/2023	11:48
9	O2782-04		1	50	50	2.00	0.00	1.82	1.82	0.18	0.10	0.80	05/15/2023	11:50
10	O2787-02		1	50	50	2.00	0.00	1.82	1.82	0.18	0.10	0.80	05/15/2023	11:53
11	O2787-03		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	05/15/2023	11:55
12	O2787-03DUP		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	05/15/2023	11:58

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