

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128187

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	PB156848BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	11/06/2023	08:30
2	O5214-05		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	11/06/2023	08:33
3	O5214-05DUP		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	11/06/2023	08:35
4	O5216-02		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	11/06/2023	08:38
5	O5234-06		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	11/06/2023	08:40
6	O5237-03		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	11/06/2023	08:43
7	O5256-04		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	11/06/2023	08:45
8	O5256-08		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.10	7.92	11/06/2023	08:48
9	O5256-12		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	11/06/2023	08:50
10	O5257-04		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	11/06/2023	08:53
11	O5257-08		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	11/06/2023	08:55
12	O5257-12		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	11/06/2023	08:58

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