

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124166

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2941
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	PB150944BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	02/21/2023	11:15
2	O1576-02		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	02/21/2023	11:18
3	O1576-02DUP		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	02/21/2023	11:20
4	O1579-01		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	02/21/2023	11:23
5	O1582-02		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.08	6.34	02/21/2023	11:25
6	O1586-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	02/21/2023	11:28
7	O1586-04		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	02/21/2023	11:30
8	O1586-06		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	02/21/2023	11:33
9	O1586-08		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	02/21/2023	11:35
10	O1586-10		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	02/21/2023	11:38
11	O1593-05		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	02/21/2023	11:40
12	O1606-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	02/21/2023	11:42

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