

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128731

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	PB157738BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	12/14/2023	12:45
2	O5767-02		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	12/14/2023	12:48
3	O5767-02DUP		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	12/14/2023	12:50
4	O5767-05		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	12/14/2023	12:53
5	O5767-08		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	12/14/2023	12:55
6	O5768-01		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.06	4.75	12/14/2023	12:58
7	O5768-02		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	12/14/2023	13:00
8	O5768-03		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.06	4.73	12/14/2023	13:02
9	O5789-01		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.06	4.75	12/14/2023	13:05
10	O5791-04		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	12/14/2023	13:08
11	O5791-09		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	12/14/2023	13:10
12	O5803-03		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	12/14/2023	13:13

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