

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133391

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3114
Starch Solution, 4L	W3149

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	PB164828BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	11/11/2024	12:03
2	P4771-06		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	11/11/2024	12:05
3	P4771-06DUP		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	11/11/2024	12:08
4	P4771-08		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	11/11/2024	12:10
5	P4788-04		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	11/11/2024	12:13
6	P4789-04		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.06	4.77	11/11/2024	12:15
7	P4791-01		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	11/11/2024	12:18
8	P4792-01		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.06	4.79	11/11/2024	12:20
9	P4792-06		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	11/11/2024	12:22
10	P4793-02		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.08	6.34	11/11/2024	12:25
11	P4795-02		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	11/11/2024	12:28
12	P4798-04		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.08	6.34	11/11/2024	12:31

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