

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB132126

ANALYST: rubina
 SUPERVISOR REVIEW BY: Iwona
 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	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	PB162891BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	08/22/2024	12:20
2	P3669-05		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	08/22/2024	12:23
3	P3669-05DUP		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	08/22/2024	12:26
4	P3684-03		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	08/22/2024	12:29
5	P3684-04		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	08/22/2024	12:32
6	P3684-06		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.06	4.77	08/22/2024	12:35
7	P3685-02		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	08/22/2024	12:38
8	P3685-04		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.08	6.39	08/22/2024	12:40
9	P3689-01		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	08/22/2024	12:42
10	P3694-02		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	08/22/2024	12:45
11	P3704-03		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.06	4.73	08/22/2024	12:48

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