

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136315

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3213
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	PB168629BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	06/27/2025	11:30
2	Q2409-02		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	06/27/2025	11:33
3	Q2409-02DUP		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	06/27/2025	11:36
4	Q2414-04		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.08	6.39	06/27/2025	11:38
5	Q2415-04		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	06/27/2025	11:41
6	Q2416-04		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	06/27/2025	11:44
7	Q2420-02		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.08	6.39	06/27/2025	11:47
8	Q2429-04		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.06	4.73	06/27/2025	11:50
9	Q2430-04		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.08	6.34	06/27/2025	11:53

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