

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137280

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	PB169798BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	09/23/2025	14:00
2	Q3138-08		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	09/23/2025	14:03
3	Q3150-01		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	09/23/2025	14:05
4	Q3150-03		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	09/23/2025	14:08
5	Q3153-04		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	09/23/2025	14:11
6	Q3153-08		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	09/23/2025	14:14
7	Q3159-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	09/23/2025	14:16
8	Q3159-04		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	09/23/2025	14:18
9	Q3159-04DUP		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	09/23/2025	14:21

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