

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136510

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	PB168865BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	07/16/2025	14:30
2	Q2586-04		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.06	4.72	07/16/2025	14:33
3	Q2586-04DUP		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.06	4.72	07/16/2025	14:36
4	Q2592-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	07/16/2025	14:38
5	Q2605-01		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	07/16/2025	14:40
6	Q2605-02		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	07/16/2025	14:42
7	Q2605-03		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	07/16/2025	14:45
8	Q2605-04		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	07/16/2025	14:48
9	Q2608-04		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	07/16/2025	14:50
10	Q2609-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	07/16/2025	14:53
11	Q2609-06		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.06	4.75	07/16/2025	14:55
12	Q2614-06		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	07/16/2025	14:58

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