

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136034

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	PB168295BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	06/05/2025	15:50
2	Q2226-04		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	06/05/2025	15:52
3	Q2226-04DUP		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	06/05/2025	15:54
4	Q2227-04		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.06	4.78	06/05/2025	15:57
5	Q2228-04		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	06/05/2025	16:00
6	Q2235-03		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	06/05/2025	16:03
7	Q2236-03		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.08	6.31	06/05/2025	16:06
8	Q2236-07		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.08	6.39	06/05/2025	16:08
9	Q2236-11		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.06	4.73	06/05/2025	16:10
10	Q2236-15		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.06	4.75	06/05/2025	16:13
11	Q2236-19		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	06/05/2025	16:15
12	Q2239-01		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	06/05/2025	16:18

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