

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB136168

ANALYST: Iwona  
 SUPERVISOR REVIEW BY: jignesh  
 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	PB168488BL		1	5.05	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	06/16/2025	13:15
2	Q2301-03		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.06	4.77	06/16/2025	13:18
3	Q2301-03DUP		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.06	4.79	06/16/2025	13:21
4	Q2310-04		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	06/16/2025	13:25
5	Q2311-04		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	06/16/2025	13:28
6	Q2311-08		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.06	4.78	06/16/2025	13:31
7	Q2312-04		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	06/16/2025	13:34
8	Q2319-04		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	06/16/2025	13:37
9	Q2320-01		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	06/16/2025	13:40
10	Q2325-04		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.06	4.79	06/16/2025	13:44

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