

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135484

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3114
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	PB167636BL		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	04/18/2025	09:00
2	Q1821-02		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	04/18/2025	09:03
3	Q1821-02DUP		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	04/18/2025	09:06
4	Q1825-03		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.08	6.36	04/18/2025	09:09
5	Q1825-06		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	04/18/2025	09:12
6	Q1825-09		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	04/18/2025	09:15
7	Q1826-02		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.06	4.79	04/18/2025	09:17
8	Q1826-04		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	04/18/2025	09:20
9	Q1826-06		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	04/18/2025	09:22
10	Q1828-02		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	04/18/2025	09:25
11	Q1828-04		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	04/18/2025	09:27

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