

Analysis Method: 9034

ANALYST: Iwona

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: jignesh

Run Number: LB137616

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3248
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	PB170195BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	10/22/2025	12:50
2	Q3392-04		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	10/22/2025	12:53
3	Q3392-04DUP		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	10/22/2025	12:57
4	Q3392-08		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	10/22/2025	13:00
5	Q3399-02		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	10/22/2025	13:03
6	Q3404-02		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	10/22/2025	13:06
7	Q3404-06		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.06	4.79	10/22/2025	13:10
8	Q3406-02		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	10/22/2025	13:13
9	Q3412-04		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.08	6.32	10/22/2025	13:16
10	Q3427-04		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	10/22/2025	13:20
11	PB169848BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.04	3.20	10/22/2025	13:23
12	Q3188-01		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.06	4.73	10/22/2025	13:26

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