

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB136396

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	PB168756BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	07/08/2025	09:30
2	Q2489-01		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.06	4.72	07/08/2025	09:33
3	Q2489-01DUP		1	5.08	50	2.00	0.00	1.86	1.86	0.14	0.08	6.30	07/08/2025	09:36
4	Q2489-02		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	07/08/2025	09:40
5	Q2489-03		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	07/08/2025	09:43
6	Q2489-04		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.08	6.36	07/08/2025	09:46
7	Q2489-05		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.06	4.79	07/08/2025	09:50
8	Q2489-06		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	07/08/2025	09:53
9	Q2489-07		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.06	4.75	07/08/2025	09:57
10	Q2489-08		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.10	7.89	07/08/2025	10:00
11	Q2510-01		1	5.05	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	07/08/2025	10:03
12	Q2517-04		1	5.05	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	07/08/2025	10:06

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