

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB136843

ANALYST: rubina

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 Volume (mL)	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	PB169274BL		1	50	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	08/15/2025	14:40
2	Q2856-01		1	50	50	2.00	0.00	1.92	1.92	0.08	0.02	0.16	08/15/2025	14:43
3	Q2856-01DUP		1	50	50	2.00	0.00	1.92	1.92	0.08	0.02	0.16	08/15/2025	14:45
4	Q2856-03		1	50	50	2.00	0.00	1.86	1.86	0.14	0.08	0.64	08/15/2025	14:47
5	Q2857-01		1	50	50	2.00	0.00	1.90	1.90	0.10	0.04	0.32	08/15/2025	14:49
6	Q2857-02		1	50	50	2.00	0.00	1.88	1.88	0.12	0.06	0.48	08/15/2025	14:51
7	Q2864-02		1	50	50	2.00	0.00	1.90	1.90	0.10	0.04	0.32	08/15/2025	14:54
8	Q2864-04		1	50	50	2.00	0.00	1.86	1.86	0.14	0.08	0.64	08/15/2025	14:57
9	Q2865-03		1	50	50	2.00	0.00	1.88	1.88	0.12	0.06	0.48	08/15/2025	15:00
10	Q2874-04		1	50	50	2.00	0.00	1.90	1.90	0.10	0.04	0.32	08/15/2025	15:02

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