

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB137335

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 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	PB169850BL		1	50	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	09/26/2025	11:45
2	Q3168-05		1	50	50	2.00	0.00	1.90	1.90	0.10	0.04	0.32	09/26/2025	11:48
3	Q3168-05DUP		1	50	50	2.00	0.00	1.90	1.90	0.10	0.04	0.32	09/26/2025	11:51
4	Q3168-06		1	50	50	2.00	0.00	1.88	1.88	0.12	0.06	0.48	09/26/2025	11:54
5	Q3196-06		1	50	50	2.00	0.00	1.90	1.90	0.10	0.04	0.32	09/26/2025	11:57
6	Q3196-07		1	50	50	2.00	0.00	1.92	1.92	0.08	0.02	0.16	09/26/2025	12:00
7	Q3196-09		1	50	50	2.00	0.00	1.86	1.86	0.14	0.08	0.64	09/26/2025	12:03
8	Q3199-09		1	50	50	2.00	0.00	1.90	1.90	0.10	0.04	0.32	09/26/2025	12:06

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