

Analysis Method: 9034

ANALYST: Nikita

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129267

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
IODINE SOLUTION .025N 1L	W3050
Starch Solution, 4L	W2977

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	PB158615BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	01/26/2024	14:30
2	P1240-03		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	01/26/2024	14:32
3	P1240-03DUP		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.02	1.58	01/26/2024	14:34
4	P1240-06		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	01/26/2024	14:36
5	P1240-09		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	01/26/2024	14:38
6	P1243-02		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.08	6.34	01/26/2024	14:40
7	P1243-04		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	01/26/2024	14:42
8	P1246-03		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.06	4.73	01/26/2024	14:44

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