

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB130085

ANALYST: Nikita
 SUPERVISOR REVIEW BY: Iwona
 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	PB159855BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	03/29/2024	10:30
2	P1883-02		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	03/29/2024	10:33
3	P1883-02DUP		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	03/29/2024	10:36
4	P1894-01		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	03/29/2024	10:39
5	P1894-02		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	03/29/2024	10:42
6	P1894-03		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.06	4.77	03/29/2024	10:45
7	P1915-02		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.06	4.78	03/29/2024	10:48

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