

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB130044

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	PB159775BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	03/27/2024	08:03
2	P1843-01		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	03/27/2024	08:06
3	P1844-01		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	03/27/2024	08:09
4	P1844-03		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.08	6.34	03/27/2024	08:12
5	P1844-03DUP		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	03/27/2024	08:15
6	P1863-03		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	03/27/2024	08:18
7	P1869-03		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	03/27/2024	08:21
8	P1869-06		1	5.02	50	2.00	0.00	1.93	1.93	0.07	0.01	0.80	03/27/2024	08:24
9	P1869-09		1	5.04	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	03/27/2024	08:27
10	P1869-12		1	5.03	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	03/27/2024	08:30
11	P1869-15		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	03/27/2024	08:33
12	P1870-03		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.08	6.34	03/27/2024	08:36

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