

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB130311

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	PB160185BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	04/12/2024	13:00
2	P2070-02		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	04/12/2024	13:03
3	P2070-02DUP		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	04/12/2024	13:06
4	P2070-04		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	04/12/2024	13:09
5	P2070-06		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.04	3.18	04/12/2024	13:12
6	P2070-08		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	04/12/2024	13:15
7	P2070-10		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.04	3.18	04/12/2024	13:18
8	P2083-01		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	04/12/2024	13:21
9	P2083-03		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	04/12/2024	13:24
10	P2084-01		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.04	3.18	04/12/2024	13:27
11	P2084-03		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.04	3.17	04/12/2024	13:30

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