

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB119230

ANALYST: Iwona
 SUPERVISOR REVIEW BY: JIGNESH
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
Starch Solution, 4L	W2766

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	PB143459BL		1	5.00	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	03/18/2022	13:00
2	N1994-03		1	5.02	50	2.00	1.96	3.84	1.88	0.12	0.08	6.37	03/18/2022	13:02
3	N1994-03DUP		1	5.04	50	2.00	3.84	5.76	1.92	0.08	0.04	3.17	03/18/2022	13:05
4	N1994-06		1	5.07	50	2.00	5.76	7.64	1.88	0.12	0.08	6.31	03/18/2022	13:07
5	N1994-09		1	5.03	50	2.00	7.64	9.54	1.90	0.10	0.06	4.77	03/18/2022	13:10
6	N1994-12		1	5.05	50	2.00	9.54	11.48	1.94	0.06	0.02	1.58	03/18/2022	13:12
7	N1994-15		1	5.02	50	2.00	11.48	13.40	1.92	0.08	0.04	3.19	03/18/2022	13:15
8	N1995-03		1	5.06	50	2.00	13.40	15.28	1.88	0.12	0.08	6.32	03/18/2022	13:17
9	N1995-06		1	5.03	50	2.00	15.28	17.18	1.90	0.10	0.06	4.77	03/18/2022	13:20
10	N1995-09		1	5.04	50	2.00	17.18	19.12	1.94	0.06	0.02	1.59	03/18/2022	13:22

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