

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB119385

ANALYST: Iwona
 SUPERVISOR REVIEW BY: apatel
 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	PB143693BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	03/28/2022	15:00
2	N2094-02		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	03/28/2022	15:03
3	N2094-02DUP		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	03/28/2022	15:06
4	N2109-02		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	03/28/2022	15:09
5	N2133-01		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.08	6.34	03/28/2022	15:12
6	N2133-02		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	03/28/2022	15:15
7	N2133-03		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	03/28/2022	15:18
8	N2133-04		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	03/28/2022	15:21
9	N2134-01		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.06	4.77	03/28/2022	15:24
10	N2140-02		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	03/28/2022	15:27

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