

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108366

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP82689
IODINE SOLUTION .025N 1L	W2669
Starch Solution, 4L	W2379

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	PB127647BL		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	03/19/2020	14:40
2	L1954-04		1	5.03	50	2.00	1.90	3.74	1.84	0.16	0.06	4.77	03/19/2020	14:42
3	L1954-04DUP		1	5.04	50	2.00	3.74	5.60	1.86	0.14	0.04	3.17	03/19/2020	14:45
4	L1954-08		1	5.05	50	2.00	5.60	7.42	1.82	0.18	0.08	6.34	03/19/2020	14:48
5	L1964-03		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	03/19/2020	14:50
6	L1965-03		1	5.02	50	2.00	1.88	3.72	1.84	0.16	0.06	4.78	03/19/2020	14:52
7	L1978-04		1	5.06	50	2.00	3.72	5.54	1.82	0.18	0.08	6.32	03/19/2020	14:55
8	L1978-08		1	5.04	50	2.00	5.54	7.40	1.86	0.14	0.04	3.17	03/19/2020	14:58
9	L1978-12		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	03/19/2020	15:02
10	L1980-01		1	5.01	50	2.00	1.86	3.70	1.84	0.16	0.06	4.79	03/19/2020	15:05
11	L1980-02		1	5.02	50	2.00	3.70	5.52	1.82	0.18	0.08	6.37	03/19/2020	15:08

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