

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108307

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	PB127611BL		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	03/17/2020	13:05
2	L1759-15		1	5.02	50	2.00	1.88	3.70	1.82	0.18	0.06	4.78	03/17/2020	13:08
3	L1759-15DUP		1	5.04	50	2.00	3.70	5.54	1.84	0.16	0.04	3.17	03/17/2020	13:12
4	L1948-01		1	5.05	50	2.00	5.54	7.40	1.86	0.14	0.02	1.58	03/17/2020	13:15
5	L1948-03		1	5.08	50	2.00	0.00	1.84	1.84	0.16	0.04	3.15	03/17/2020	13:18
6	L1948-05		1	5.07	50	2.00	1.84	3.66	1.82	0.18	0.06	4.73	03/17/2020	13:22
7	L1948-07		1	5.09	50	2.00	3.66	5.46	1.80	0.20	0.08	6.29	03/17/2020	13:25
8	L1948-11		1	5.03	50	2.00	5.46	7.30	1.84	0.16	0.04	3.18	03/17/2020	13:28
9	L1948-12		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.02	1.59	03/17/2020	13:30
10	L1950-01		1	5.01	50	2.00	1.86	3.66	1.80	0.20	0.08	6.39	03/17/2020	13:32

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