

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108245

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	PB127491BL		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	03/12/2020	14:32
2	L1752-04		1	5.02	50	2.00	1.84	3.64	1.80	0.20	0.04	3.19	03/12/2020	14:35
3	L1752-04DUP		1	5.04	50	2.00	3.64	5.46	1.82	0.18	0.02	1.59	03/12/2020	14:38
4	L1887-03		1	5.05	50	2.00	5.46	7.24	1.78	0.22	0.06	4.75	03/12/2020	14:40
5	L1893-04		1	5.00	50	2.00	7.24	9.00	1.76	0.24	0.08	6.40	03/12/2020	14:42
6	L1893-08		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.02	1.59	03/12/2020	14:45
7	L1893-12		1	5.03	50	2.00	1.82	3.58	1.76	0.24	0.08	6.36	03/12/2020	14:48
8	L1893-16		1	5.04	50	2.00	3.58	5.38	1.80	0.20	0.04	3.17	03/12/2020	14:50

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