

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109118

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP83473
IODINE SOLUTION .025N 1L	W2669
Starch Solution, 4L	W2703

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	PB128822BL		1	5.01	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	05/12/2020	15:10
2	L2502-06		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	05/12/2020	15:12
3	L2502-06DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	05/12/2020	15:15
4	L2571-01		1	5.05	50	2.00	5.70	7.44	1.74	0.26	0.18	14.26	05/12/2020	15:18
5	L2571-02		1	5.00	50	2.00	0.00	1.72	1.72	0.28	0.20	16.00	05/12/2020	15:20
6	L2571-03		1	5.02	50	2.00	1.72	3.48	1.76	0.24	0.16	12.75	05/12/2020	15:22
7	L2571-04		1	5.06	50	2.00	3.48	5.26	1.78	0.22	0.14	11.07	05/12/2020	15:25
8	L2571-05		1	5.02	50	2.00	5.26	7.02	1.76	0.24	0.16	12.75	05/12/2020	15:28

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