

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109935

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP84605
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	PB130068BL		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	07/09/2020	12:05
2	L3183-04		1	5.02	50	2.00	1.84	3.54	1.70	0.30	0.14	11.16	07/09/2020	12:08
3	L3183-04DUP		1	5.04	50	2.00	3.54	5.22	1.68	0.32	0.16	12.70	07/09/2020	12:12
4	L3186-05		1	5.05	50	2.00	5.26	6.94	1.68	0.32	0.16	12.67	07/09/2020	12:15
5	L3187-04		1	5.00	50	2.00	0.00	1.68	1.68	0.32	0.16	12.80	07/09/2020	12:18
6	L3203-03		1	5.06	50	2.00	1.68	3.34	1.66	0.34	0.18	14.23	07/09/2020	12:20
7	L3203-07		1	5.02	50	2.00	3.34	5.12	1.78	0.22	0.06	4.78	07/09/2020	12:22
8	L3203-11		1	5.03	50	2.00	5.12	6.88	1.76	0.24	0.08	6.36	07/09/2020	12:25
9	L3203-15		1	5.04	50	2.00	6.88	8.52	1.64	0.36	0.20	15.87	07/09/2020	12:28
10	L3203-19		1	5.02	50	2.00	0.00	1.70	1.70	0.30	0.14	11.16	07/09/2020	12:30

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