

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109722

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	PB129739BL		1	5.02	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	06/24/2020	15:10
2	L2818-10		1	5.02	50	2.00	1.98	3.88	1.90	0.10	0.08	6.37	06/24/2020	15:12
3	L2818-10DUP		1	5.04	50	2.00	3.88	5.80	1.92	0.08	0.06	4.76	06/24/2020	15:15
4	L3089-02		1	5.05	50	2.00	5.80	7.76	1.96	0.04	0.02	1.58	06/24/2020	15:18
5	L3089-05		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.10	7.97	06/24/2020	15:20
6	L3089-08		1	5.03	50	2.00	1.88	3.78	1.90	0.10	0.08	6.36	06/24/2020	15:22

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