

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB110747

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	W2670
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	PB131298BL		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	08/31/2020	11:35
2	L3507-17		1	5.03	50	2.00	1.90	3.76	1.86	0.14	0.04	3.18	08/31/2020	11:38
3	L3507-17DUP		1	5.05	50	2.00	3.76	5.64	1.88	0.12	0.02	1.58	08/31/2020	11:40
4	L3508-28		1	5.03	50	2.00	5.64	7.48	1.84	0.16	0.06	4.77	08/31/2020	11:42
5	L3828-01		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.08	6.37	08/31/2020	11:45
6	L3837-01		1	5.03	50	2.00	1.82	3.68	1.86	0.14	0.04	3.18	08/31/2020	11:48
7	L3837-04		1	5.02	50	2.00	3.68	5.52	1.84	0.16	0.06	4.78	08/31/2020	11:50
8	L3837-05		1	5.01	50	2.00	5.52	7.34	1.82	0.18	0.08	6.39	08/31/2020	11:52

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